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Subj: DIRECT AIR SUPPORT CENTER (DASC) T&R MANUAL

Ref: (a) NAVMC 3500.14B

Encl: (1) DASC T&R MANUAL

1. Purpose. To publish revised standards and regulations regarding the training of DASC Operations crews per the reference.
2. Information. Significant changes in this revision include the following.
  - a. The syllabus for enlisted personnel is standardized to train Air Support Net Operators, DASC Crew Chiefs, and DASC Chiefs.
  - b. The syllabus for officer personnel is standardized to train Tactical Air Directors, Helicopter Directors, Senior Air Directors, and DASC Officers-in-Charge.
  - c. DASC Chief and DASC OIC Programs of Instruction were created using events from the previous T&R Manual and newly created planning-related events.
  - d. Standardized enlisted controller training is incorporated as Core Plus Training.
  - e. The MAWTS-1 C3 Course Catalog is utilized to standardize training common to the Marine Air Command and Control System (MACCS).
  - f. A new Instructor Period of Instruction has been developed to facilitate the standardized evaluation of T&R events, Certifications, and Qualifications.
  - g. The MACCS Aviation Career Progression Model is used to standardize academic training common to the MACCS community.

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3. Information. Recommended changes to this Manual are invited, and may be submitted via the syllabus sponsor and the appropriate chain of command to: Commanding General (CG), Training and Education Command (TECOM), Aviation Training Division (ATD), 1019 Elliot Road, Quantico, Virginia 22134 using standard Naval correspondence or the Automated Message Handling System plain language address: CG TECOM ATD.

4. Reserve Applicability. This Manual is applicable to the Marine Corps Total Force.

5. Certification. Reviewed and approved this date.



R. C. FOX  
By direction

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CHAPTER 1

DIRECT AIR SUPPORT CENTER  
TRAINING AND READINESS UNIT REQUIREMENTS

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CHAPTER 1

DIRECT AIR SUPPORT CENTER  
TRAINING AND READINESS UNIT REQUIREMENTS

100. UNIT TRAINING AND READINESS REQUIREMENTS. The goal of Marine Aviation is to attain and maintain combat readiness to support Expeditionary Maneuver Warfare while conserving resources. The standards established in this program are validated by subject matter experts to maximize combat capabilities for assigned METs. These standards describe and define unit capabilities and requirements necessary to maintain proficiency in mission skills and combat leadership. Training events are based on specific requirements and performance standards to ensure a common base of training and depth of combat capability.

101. MISSION. Support the MAGTF commander by providing Direct Air Support Center (DASC) capabilities for control and coordination of aircraft operating in direct support of Marine Air-Ground Task Force (MAGTF) Forces.

102. TABLE OF ORGANIZATION (T/O). Information below depicts the Marine Air Support Squadron (MASS) T/O information as of the date of this directive.

a. Core Capable DASC. A core capable DASC is able to process immediate air support requests, integrate aircraft employment with other supporting arms, manage terminal control assets and procedurally control aircraft operating in its area of responsibility. Crew composition is task-organized based on mission. An echelon capability ensures continuous DASC operations while the DASC is displacing. The echelon is a part of the DASC T/O and will be task organized. The echelon can normally fulfill the DASC mission for a limited duration.

b. Core Capable DASC Airborne [DASC(A)]. A core capable DASC(A) serves as an airborne extension of the DASC. The operational period is limited by the aircraft's time on station and the crew composition is task-organized based on mission.

c. Core Capable Air Support Liaison Team (ASLT). A core capable ASLT provides face-to-face coordination between the DASC and FSCC. It facilitates the effective coordination and integration of direct air support missions with the employment of other supporting arms and ground scheme of maneuver.

d. Core Capable Air Support Element (ASE). A core capable ASE is a task-organized element employed with varying sizes of MAGTFs. The ASE is not a DASC but is capable of limited DASC functionality, and may be employed in concert with a DASC to augment communications range and the control of aircraft, or provide additional coordination with ground units/agencies.

T/O TABLE	
MASS 1, 2, 3	MASS-6 , MASS-6 DET A
<u>T/O 8660 (M00820/25/30)</u>  Officers - 4 (7202) - 30 (7208) Enlisted - 74 (7242)	<u>T/O 8660 M03028/M00983</u>  Officers - 1 (Reserve 7202) - 1 (Reserve 7202) - 32 (Reserve 7208) - 2 (Active 7208) Enlisted - 71 (Reserve 7242) - 7 (Active 7242)
SUBUNITS	
<u>DASC</u> 5 CREWS Officers - 3 (7202) - 15 (7208) Enlisted - 46 (7242)  <u>DASC CREW</u> 1 Senior Air Director (SAD) 1 Crew Chief (CC) 2 Air Support Control Officers (ASCO) 5 Air Support Net Operators (ASNO) 3 Air Support Plotters	<u>DASC(A)</u> 3 CREWS Officers - 1 (7202) - 8 (7208) Enlisted - 12 (7242)  <u>DASC(A) CREW</u> 1 Senior Air Director (SAD) 1 Crew Chief (CC) 2 Air Support Control Officers (ASCO) 3 Air Support Net Operators (ASNO)
<u>DASC ASE</u> 2 CREWS Officers - 4 (7208) Enlisted - 8 (7242)  <u>ASE CREW</u> 1 Senior Air Director (SAD) 1 Air Support Control Officer (ASCO) 1 Crew Chief (CC) 3 Air Support Net Operators (ASNO)	<u>DASC ASLT</u> 3 CREWS Officers - 3 (7208) Enlisted - 3 (7242)  <u>ASLT CREW</u> 1 Air Support Control Officer (ASCO) 1 Air Support Net Operator (ASNO) -
Note: Maintenance and support personnel assigned to each DASC element are not listed	

103. CORE SKILL, CORE PLUS AND MISSION SKILL ABBREVIATIONS. Shading indicates core plus skills. All core plus skills also exist as core and/or mission skills.

CORE SKILLS / MISSION SKILLS ABBREVIATION	
CORE SKILLS	ABBREV
DASC PLOTTER	PLOT
TAR/HR NET OPERATOR	TRHR
TAC/DAS NET OPERATOR	TCDS
FSC NET OPERATOR	FSC
AIR SUPPORT NET OPERATOR	ASNO
DASC CREW CHIEF	CC
HELICOPTER DIRECTOR	HD
TACTICAL AIR DIRECTOR	TAD
DASC CHIEF	DCHF
SENIOR AIR DIRECTOR	SAD
DASC OFFICER-IN-CHARGE	OIC
MISSION SKILLS	ABBREV
DIRECT AIR SUPPORT CENTER	DASC
DIRECT AIR SUPPORT CENTER (AIRBORNE)	DASC(A)
CORE PLUS SKILLS	ABBREV
COMMAND AND CONTROL SYSTEMS	C2SYS
FAMILIARIZATION	FAM
HELICOPTER DIRECTOR	HD
TACTICAL AIR DIRECTOR	TAD
DASC OFFICER-IN-CHARGE	OIC

104. CORE METL AND CORE METL OUTPUT STANDARDS

1. Core METL. A standardized list of specified tasks a unit was designed to perform. Selected tasks are drawn from the Marine Corps Task List (MCTL) and are standardized by type unit.

2. Core METL Output Standards. The required level of performance a unit must be capable of sustaining during contingency/combat operations by MET to be considered MET-ready. Output standards will be demonstrated through the incorporation of Unit Training Events.

Core METL Output Standards			
MCT	MET	OUTPUT STANDARD	TOTAL CMMR CREWS
5.3.2.7.2	Conduct Direct Air Support Center (DASC) Operations	Able to receive, process, and coordinate requests for immediate direct air support	4 DASC 2 ASE 3 ASLT
		Able to coordinate the execution of direct air support missions with other supporting arms through the appropriate FFCC/FSCC and other MACCS and external C2 agencies	
		Able to maintain constant communications with aircraft, TACPs, terminal controllers, and other MACCS agencies	
		Able to route all aircraft in DASC area of control	
		Able to conduct continuous DASC operations while displacing	
		Able to task organize to support DASC operations up to Division level	
5.3.2.7.2.2	Conduct Direct Air Support Center (Airborne) [DASC(A)] Operations	Able to receive, process, and coordinate requests for immediate direct air support	2 DASC(A)
		Able to coordinate the execution of direct air support missions with other supporting arms through the appropriate FFCC/FSCC and other MACCS and external C2 agencies	
		Able to maintain communications with aircraft, TACPs, terminal controllers, and other MACCS agencies	
		Able to route all aircraft in DASC area of control	
		Able to task organize and deploy DASC operations from an airborne platform	
		Able to provide DASC(A) operations, duration limited to A/C platform availability and mission location	

105. MARINE CORPS TASK TO CORE/MISSION/CORE PLUS SKILL MATRIX. Provides a pictorial view of the relationship between the unit Core METL (Marine Corps Task) and each Core Skill, Mission Skill and Core Plus Skill required to perform the METL. Shading indicates a Core Plus MET and corresponding Mission Skill.

106. MASS CMMR CORE AND MISSION SKILLS CREW DEFINITION AND PROFICIENCY REQUIREMENTS. This table delineates crew position and proficiency requirements for each Core and Mission Skill. The numbers associated with each crew position column reflect the number of Core and Mission Skill Proficient individuals required.



	CORE SKILLS											MISSION SKILLS		CORE PLUS SKILLS					
	( 2000 PHASE )											( 3000 PHASE )		( 4000 PHASE )					
	PLOT	TRHR	TCDS	FSC	ASNO	CC	HD	TAD	DCHF	SAD	OIC	DASC	DACS(A) )	HD	TAD	C2SYS	FAM	SAD	OIC
5.3.2.7.2 (DASC)	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
5.3.2.7.2.2 [DASC(A) ]	X	X	X	X	X	X	X	X	X	X	X		X	X	X			X	X

DASC CMMR Core Skills														
CORE SKILL	DASC (4 crews)				ASE (2 crews)				ASLT (3 crews)		DASC(A) (2 crews)			
	7208		7242		7208		7242		7208	7242	7208		7242	
	SAD	ASCO	CC	ASNO	SAD	ASCO	CC	ASNO	ASCO	ASNO	SAD	ASCO	CC	ASNO
PLOT	-	-	-	12	-	-	-	4	-	-	-	-	-	6
TRHR	-	-	-	8	-	-	-	2	-	-	-	-	-	2
TCDS	-	-	-	8	-	-	-	2	-	-	-	-	-	2
FSC	-	-	-	4	-	-	-	2	-	-	-	-	-	2
ASNO	-	-	-	-	-	-	-	-	-	3	-	-	-	-
TADR	-	4	-	-	-	2	-	-	3	-	-	2	-	-
HLDR	-	4	-	-	-	2	-	-	3	-	-	2	-	-
CC	-	-	4	-	-	-	2	-	-	-	-	-	2	-
SADR	4	-	-	-	2	-	-	-	-	-	2	-	-	-
DCHF	-	-	1	-	-	-	-	-	-	-	-	-	1	-
DOIC	1	-	-	-	2	-	-	-	-	-	1	-	-	-
TOTAL PERS.	5	8	5	32	2	2	2	6	3	3	2	4	2	6
Note 1: Core Skill Proficiency (CSP) in the core skills above imply CSP in the following core skills not listed: ACAD, FAM, COMM, EQUIP, C2SYS, and ACPM. Note 2: A Core Skill Proficient (CSP) crew will contain individuals who have attained CSP in the core skills as outlined above.														

Example: (2) ASE crews require (6) total 7242's (ASNO Billet), two of which will need to attain CSP in FSC, two in TCDS, and two in TRHR. Additionally, four of the six must also have attained CSP in PLOT.

DASC CMMR Mission Skills														
MISSION SKILL	DASC (2 crews)				ASE (2 crews)				ASLT (3 crews)		DASC(A) (2 crews)			
	7208		7242		7208		7242		7208	7242	7208		7242	
	SAD	ASCO	CC	ASNO	SAD	ASCO	CC	ASNO	ASCO	ASNO	SAD	ASCO	CC	ASNO
DASC	2	4	2	16	2	2	2	6	3	3	-	-	-	-
DASC(A)	-	-	-	-	-	-	-	-	-	-	2	4	2	6
TOTAL PERS.	2	4	2	16	2	2	2	6	3	3	2	4	2	6
Note: A Mission Skill Proficient (MSP) crew will contain individuals who have attained MSP in the mission skills as outlined above.														
Example: (3) ASLT crews require (3) total 7242's, each of which must attain MSP in the following mission skills: DASC.														

107. MASS CMMR CORE PLUS SKILL CREW DEFINITION AND PROFICIENCY REQUIREMENTS.  
This table delineates crew position and proficiency requirements for each Core Plus Skill. The numbers associated with each crew position column reflect the number of Core Plus Skill Proficient individuals required.

DASC CMMR Core Plus Skills														
MISSION SKILL	DASC (2 crews)				ASE (2 crews)				ASLT (3 crews)		DASC(A) (2 crews)			
	7208		7242		7208		7242		7208	7242	7208		7242	
	SAD	ASCO	CC	ASNO	SAD	ASCO	CC	ASNO	ASCO	ASNO	SAD	ASCO	CC	ASNO
TADR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HLDR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C2SYS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOIC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PERS.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: There is no requirement for units to have Core Skill Plus proficient individuals. Unit commanders have the latitude to train to these skills as the circumstances dictate.														

108. CMMR COMBAT LEADERSHIP REQUIREMENTS. At a minimum, in order to be considered core competent, a MASS unit must possess the following numbers of crews with the listed combat leadership designations.

UNIT CMMR COMBAT LEADERSHIP		
LEADERSHIP DESIGNATION	7208/(7202)	7242
DASC OIC	2	-
DASC Chief	-	2
ASE OIC	2	-
ASLT OIC	1	-
Note: Officers with MOS 7202 who meet the requirements of a specific combat leadership designation may be designated as such.		

109. UNIT INSTRUCTOR REQUIREMENTS. A unit should possess the following numbers of personnel with the instructor designations listed in the matrix.

UNIT CMMR INSTRUCTORS		
INSTRUCTOR DESIGNATION	7208	7242
WTI	2*	1
SENIOR INSTRUCTOR (SI)	2	2
BASIC INSTRUCTOR (BI)	3	6
Note: An officer with MOS 7202 that has completed the MAWTS-1 WTI Course may serve as a WTI.		

110. ORDNANCE REQUIREMENTS. None.

111. TRAINING RESOURCE REQUIREMENTS. Not Applicable.

CHAPTER 2

AIR SUPPORT CONTROL OFFICER (ASCO) MOS 7208  
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

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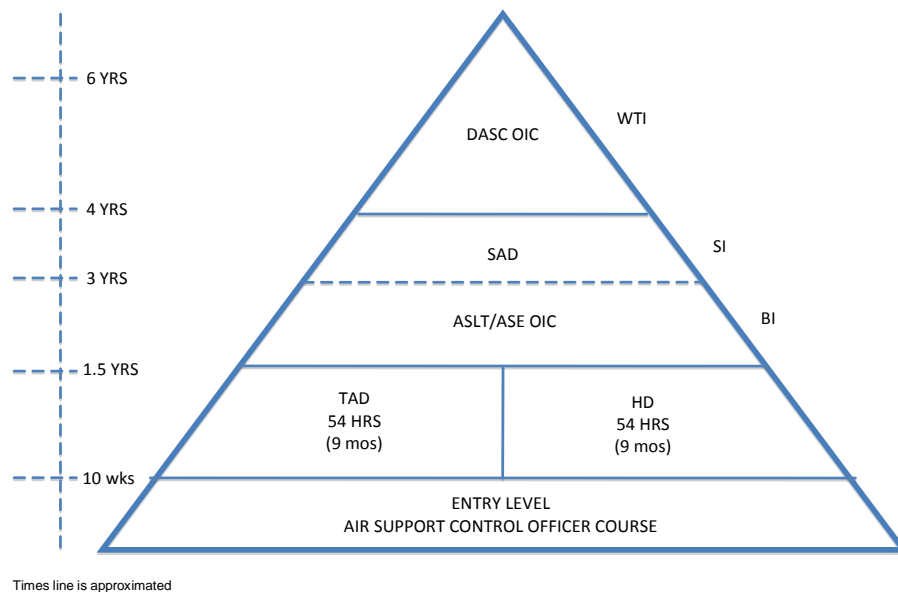
## CHAPTER 2

### AIR SUPPORT CONTROL OFFICER (ASCO) MOS 7208 INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

200. ASCO INDIVIDUAL TRAINING AND READINESS REQUIREMENTS. This T&R Syllabus is based on specific goals and performance standards designed to ensure individual proficiency in Core and Mission Skills. The goal of this chapter is to develop individual and unit warfighting capabilities.

201. ASCO TRAINING PROGRESSION MODEL. This model represents the recommended training progression for the average 7208 crew member. Units should use the model as a point of departure to generate individual training plans.

## 7208 Career Progression



### 202. INDIVIDUAL CORE SKILL PROFICIENCY (CSP) REQUIREMENTS

1. Core Skill training consists of 2000-phase events that develop fundamental skills which crew members can train to individually. The attainment of these basic skills provide the trainee with essential "building block" skill sets required to proceed to more advanced Mission Skill training. Core Skills directly support the unit Mission Essential Task List (METL).

2. A Core Skill Proficient (CSP) crew consists of individuals representing each crew position who have achieved and currently maintain individual CSP. In order to be considered proficient in a Core Skill, an individual must attain and maintain proficiency in Core Skill events as delineated in the below paragraphs.

3. Events Required to Attain and Maintain Individual CSP. To initially attain CSP in a Core Skill, an individual must simultaneously have a proficient status in all 2000 phase T&R events listed for that Core Skill.

Individual Core Skill Proficiency (CSP) Attain Table								
MOS	HD		TAD		SAD		OIC	
Air Support Control Officer (ASCO) (7208)	ACAD-2000	CTRL-2715	ACAD-2000	CTRL-2715	ACAD-2001	SADR-2835	ACAD-2001	DOIC-2560
	ACAD-2002	CTRL-2720R	ACAD-2002	CTRL-2720R	ACAD-2004	C2SYS-2924R	COMM-2140	DOIC-2570
	ACAD-2003	C2SYS-2900R	ACAD-2003	C2SYS-2900R	COMM-2160	ACPM-8040	COMM-2145	DOIC-2580
	COMM-2140	C2SYS-2901R	COMM-2140	C2SYS-2901R	EQUIP-2210	ACPM-8060	COMM-2160	C2SYS-2920R
	COMM-2145	C2SYS-2902R	COMM-2145	C2SYS-2902R	EQUIP-2220		EQUIP-2210	C2SYS-2921R
	EQUIP-2250	C2SYS-2910R	EQUIP-2250	C2SYS-2910R	FAM-2610		EQUIP-2220	C2SYS-2922R
	FAM-2600	C2SYS-2911R	FAM-2600	C2SYS-2911R	FAM-2630		EQUIP-2240	ACPM-8080
	FAM-2620	C2SYS-2920R	FAM-2620	C2SYS-2920R	SADR-2800		DOIC-2500	
	FAM-2640	C2SYS-2921R	FAM-2640	C2SYS-2921R	SADR-2810R		DOIC-2510	
	FAM-2650	C2SYS-2922R	FAM-2650	C2SYS-2922R	SADR-2815		DOIC-2520	
	CTRL-2700	ACPM-8000	CTRL-2700	ACPM-8000	SADR-2820		DOIC-2530	
	CTRL-2705	ACPM-8020	CTRL-2705	ACPM-8020	SADR-2825		DOIC-2540	
	CTRL-2710	ACPM-8062	CTRL-2710	ACPM-8062	SADR-2830		DOIC-2550	

4. Events Required to Maintain Individual CSP. To maintain CSP in a Core Skill, an individual must maintain proficiency in all 2000 phase T&R events listed for that Core Skill:

Individual Core Skill Proficiency (CSP) Maintain Table				
MOS	HD	TAD	SAD	OIC
Air Support Control Officer (ASCO) (7208)	C2SYS-2900R	C2SYS-2900R	C2SYS-2924R	C2SYS-2920R
	C2SYS-2901R	C2SYS-2901R	SADR-2810R	C2SYS-2921R
	C2SYS-2902R	C2SYS-2902R		C2SYS-2922R
	C2SYS-2910R	C2SYS-2910R		
	C2SYS-2911R	C2SYS-2911R		
	C2SYS-2920R	C2SYS-2920R		
	C2SYS-2921R	C2SYS-2921R		
	C2SYS-2922R	C2SYS-2922R		
	CTRL-2705R	CTRL-2705R		
	CTRL-2720R	CTRL-2720R		

203. INDIVIDUAL MISSION SKILL PROFICIENCY (MSP) REQUIREMENTS

1. Mission Skill training consists of 3000-phase events that develop an individual's ability to operate as part of a DASC crew. These skills are essential to the accomplishment of unit mission essential tasks (METs). The completion of these tasks ensures the trainee is trained to directly support the unit METs.

2. A Mission Skill Proficient (MSP) crew consists of individuals representing each crew position who have achieved and maintain individual MSP. To be considered proficient in a Mission Skill, an individual must attain and maintain proficiency in Mission Skill events as delineated in the below paragraphs.

3. Events Required to Attain Individual MSP. To initially attain MSP in a Mission Skill, an individual must simultaneously have a proficient status in all 3000 phase T&R events listed for that Mission Skill.

Individual Mission Skill Proficiency (MSP) Attain Table		
ASCO (7208) Crew Positions	DASC	DASC(A)
HD	HLDR-3000	HLDR-3000
	HLDR-3005	HLDR-3005
	HLDR-3010	HLDR-3010
	HLDR-3015R	HLDR-3015R
	HLDR-3020R	HLDR-3020R
TAD	TADR-3025	TADR-3025
	TADR-3030	TADR-3030
	TADR-3035	TADR-3035
	TADR-3040R	TADR-3040R
	TADR-3045R	TADR-3045R
SAD	SADR-3400	SADR-3400
	SADR-3405	SADR-3405
	SADR-3410	SADR-3410
	SADR-3415R	SADR-3415R
	SADR-3420R	SADR-3420R
OIC	DOIC-3500	DOIC-3500
	DOIC-3510R	DOIC-3510R

4. Events Required to Maintain Individual MSP. To maintain MSP in a Mission Skill, an individual must maintain proficiency in all 3000 phase T&R events listed for that Mission Skill:

Individual Mission Skill Proficiency (MSP) Maintain Table		
ASCO (7208) Crew Positions	DASC	DASC(A)
HD	HLDR-3015R	HLDR-3015R
	HLDR-3020R	HLDR-3020R
TAD	TADR-3040R	TADR-3040R
	TADR-3045R	TADR-3045R



SAD	SADR-3415R	SADR-3415R
	SADR-3420R	SADR-3420R
OIC	DOIC-3510R	DOIC-3510R

#### 204. INDIVIDUAL CORE PLUS SKILL PROFICIENCY REQUIREMENTS.

1. Proficiency in Core Plus Skills is not required to obtain unit CSP. Core Plus training consists of 4000-phase events. This phase contains training standards applicable to large-scale integrated missions, unique mission areas, geographic specific training, or mission areas having a low probability of execution. Although Core Plus training events may provide valuable training opportunities, they do not affect the unit CSP.

2. Events Required to Attain Individual Proficiency in Core Plus Skills. Proficiency in Core Plus Skills is not required to obtain unit CSP. Training to Core Plus Skills is at the discretion of the unit commanding officer. To initially attain proficiency in a Core Plus Skill, an individual must simultaneously have a proficient status in all T&R events listed for that Core Plus Skill.

Individual Core Plus Skill Proficiency Attain Table				
MOS	HD	TAD	SAD	OIC
Air Support Control Officer (ASCO) (7208)	FAM-4670R	FAM-4670R	FAM-4660	DOIC-4200
	C2SYS-4923R	C2SYS-4923R	C2SYS-4923R	FAM-4680
	C2SYS-4940R	C2SYS-4940R	C2SYS-4940R	FAM-4690
	C2SYS-4942R	C2SYS-4942R	C2SYS-4941R	C2SYS-4923R
			C2SYS-4942R	C2SYS-4940R
				C2SYS-4941R
				C2SYS-4942R

3. Events Required to Maintain Individual Proficiency in Core Plus Skills. To maintain proficiency in a Core Plus Skill, an individual must maintain proficiency in all T&R events listed in the table below for that Core Plus Skill:

Individual Core Plus Skill Proficiency Maintain Table				
MOS	HD	TAD	SAD	OIC
Air Support Control Officer (ASCO) (7208)	C2SYS-4923R	C2SYS-4923R	C2SYS-4923R	C2SYS-4923R
	C2SYS-4940R	C2SYS-4940R	C2SYS-4940R	C2SYS-4940R
	C2SYS-4942R	C2SYS-4942R	C2SYS-4941R	C2SYS-4941R
			C2SYS-4942R	C2SYS-4942R

205. CERTIFICATION, QUALIFICATION AND DESIGNATION. The tables below delineate T&R events required to attain proficiency required for qualifications or designations. In addition to event requirements, all required stage prerequisites and other criteria shall be completed prior to completing final events. Qualification and designation letters signed by the

commanding officer shall be placed in Individual Performance Records (IPR). Policy on qualifications and designations is contained in paragraph 215 of the reference. This syllabus does not contain "one time" certification training.

INDIVIDUAL QUALIFICATION REQUIREMENTS		
Qualification	Event Code	Event Requirements
HD	6200	ACAD-2000, 2002, 2003; COMM-2140, 2145; EQUIP-2250; FAM-2600, 2620, 2640, 2650; CTRL-2700, 2705R, 2710, 2715, 2720R; C2SYS-2900, 2901, 2902, 2910, 2911, 2920, 2921, 2922; HLD-3000, 3005, 3010, 3015R, 3020R; ACPM-8000, 8020, 8062.
TAD	6201	ACAD-2000, 2002, 2003; COMM-2140, 2145; EQUIP-2250; FAM-2600, 2620, 2640, 2650; CTRL-2700, 2705R, 2710, 2715, 2720R; C2SYS-2900, 2901, 2902, 2910, 2911, 2920, 2921, 2922; TADR-3025, 3030, 3035, 3040R, 3045R; ACPM-8000, 8020, 8062.
SAD	6205	ACAD-2001, 2004; COMM-2160, EQUIP-2210, 2220; FAM-2610, FAM-2630; SADR-2800, 2810R, 2815, 2820, 2825, 2830, 2835; C2SYS-2924R; SADR-3400, 3405, 3410, 3415R, 3420R; QUAL-6200, QUAL-6201; ACPM-8040, 8060

INDIVIDUAL DESIGNATION REQUIREMENTS		
Designation	Event	Event Requirements
DASC OIC	6300	ACAD-2001; COMM-2140, 2145, 2160; EQUIP-2210, 2220, 2240; DOIC-2500, 2510, 2520, 2530, 2540, 2550, 2560, 2570, 2580; C2SYS-2920, 2921, 2922; DOIC-3500, 3510; QUAL-6205; ACPM 8080
Basic Instructor (BI)	6320	UIT-5000, 5010, 5020
Senior Instructor (SI)	6321	UIT-5100, 5110, 5120, 5130, 6320
WTI	6322	SCHL-6000

206. (7208) PROGRAMS OF INSTRUCTION (POI) . A quick glance table that provides a broad view of crew position training has been provided at appendix (a) of this Manual. This table simply provides commanders and training officers a quick glance of the entire syllabi but is not part of the Core Model nor should it be used to substitute any tables in this chapter.

1. Basic POI for Air Support Control Officer (ASCO). Upon completion of MOS

entry level training and arrival at a tactical squadron, individuals will be assigned to the ASCO Basic POI.

<u>WEEKS</u>	<u>COURSE/LEVEL</u>	<u>ACTIVITY</u>
1-10	Core Skill Introduction Training	MCCES
10-34	Core Skill Training	Tactical Squadron
22-104	Mission Skill Training	Tactical Squadron
104-208	Core Plus Training	Tactical Squadron

2. Basic POI for Air Support Senior Air Director (SAD). The DASC Senior Air Director (SAD) is normally a commissioned officer and the most qualified DASC watch stander. Officers who have attained and maintained individual MSP in the ASCO POI may be assigned to the SAD Basic POI based on unit requirements and proven crew leadership potential.

<u>WEEKS</u>	<u>COURSE/LEVEL</u>	<u>ACTIVITY</u>
1-10	Core Skill Training	Tactical Squadron
5-26	Mission Skill Training	Tactical Squadron
xx-xx	Core Plus Training	Tactical Squadron

3. Basic POI for DASC Officer-in-Charge (OIC). The DASC Officer-in-Charge is a commissioned officer who is normally the most qualified and knowledgeable 7208/02 in DASC operations and not normally assigned to crew as a watch stander. The DASC OIC is designated by the MASS Commanding Officer for a specific operation. Officers who have attained and maintained individual MSP in the SAD POI may be assigned to the DASC OIC Basic POI based on unit requirements and proven mission leadership abilities.

<u>WEEKS</u>	<u>COURSE/LEVEL</u>	<u>ACTIVITY</u>
XX-26	Core Skill Training	Tactical Squadron
12-52	Mission Skill Training	Tactical Squadron
xx-xx	Core Plus Training	Tactical Squadron

4. Refresher POI for Air Support Control Officer (ASCO).

<u>WEEKS</u>	<u>COURSE/LEVEL</u>	<u>ACTIVITY</u>
1-4	Core Skill Basic Training	Tactical Squadron
1-26	Mission Skill Training	Tactical Squadron
xx-xx	Core Plus Training	Tactical Squadron

5. Refresher POI for Air Support Senior Air Director (SAD).

<u>WEEKS</u>	<u>COURSE/LEVEL</u>	<u>ACTIVITY</u>
1-6	Core Skill Basic Training	Tactical Squadron
1-12	Mission Skill Training	Tactical Squadron
xx-xx	Core Plus Training	Tactical Squadron

6. Refresher POI for DASC Officer-in-Charge.

<u>WEEKS</u>	<u>COURSE/LEVEL</u>	<u>ACTIVITY</u>
1-6	Core Skill Basic Training	Tactical Squadron
1-12	Mission Skill Training	Tactical Squadron
xx-xx	Core Plus Training	Tactical Squadron

207. ACADEMIC TRAINING

1. Academic training shall be conducted throughout the syllabus. Where indicated, standardized academic training materials exist and may be obtained from the sponsoring activity. The proficiency attained by completing select courses provides units with the requisite skills essential to the accomplishment of unit mission essential tasks.

2. TECOM ATB publishes an annual Skills Enhancement message that lists most formal courses offered to MACCS operators and maintainers. Certain courses are TECOM funded while others require unit funding. Training managers should maximize these training opportunities. Standardized tracking codes for these formal courses that compliment this training syllabus are maintained in the MAWTS-1 C3 Course Catalog as "SCHL" codes. Upon completion of a formal course, the "SCHL" tracking code for that course will be entered in M-SHARP and documentation filed in the IPR. Commanders are highly encouraged to ensure personnel attend these courses to the extent possible.

3. External academic courses of instruction (distance learning (DL) and mobile training teams (MTTs)) that may be utilized for skill enhancement and professional development are contained within Chapter 2 of the MAWTS-1 C3 Course Catalog (reference (b)). The C3 Course Catalog may be downloaded from the C3 Department Section of the MAWTS-1 website:

<https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>

4. MACCS Aviation Career Progression Model (ACPM). ACPM is a series of standardized academic modules for use across the MACCS communities; they are integrated throughout this syllabus. These academics were developed to enhance professional understanding of Marine Aviation, the MAGTF and Joint operations to ensure individuals possess the requisite knowledge to fill essential positions in support of the ACE and MAGTF. ACPM training promotes professional growth in the MACCS community regardless of specific unit assignment. WTI graduates are trained to instruct this material. To retain this standardization, the syllabus sponsor (MAWTS-1) will manage the ACPM. Recommended changes to ACPM modules or events shall be forwarded to the syllabus sponsor. See the C3 Course Catalog for further information. Supporting material for portions of the ACPM is located on the MAWTS-1 websites at:

(a) NIPR [www.intranet.tecom.usmc.mil/sites/mawts1](http://www.intranet.tecom.usmc.mil/sites/mawts1)

(b) SIPR [www.mawts1.usmc.smil.mil](http://www.mawts1.usmc.smil.mil)

## 208. SYLLABUS NOTES

### 1. General

a. The purpose of this syllabus is to provide the commander with standardized programs of instruction for DASC Officer (MOS 7208) personnel. The goal is to develop unit warfighting capabilities. Syllabi are structured for trainees to learn individual skills required to perform the duties of the position being trained for based on specific performance standards designed to ensure proficiency in core competencies.

b. An effective T&R program is the first step in providing the commander with a unit capable of accomplishing all of its stated mission essential tasks. The T&R program provides the fundamental tools for commanders to build and maintain unit CSP. Using these tools, training managers can

construct and execute an effective training plan that supports the unit Mission Essential Task List (METL). The 2000 and 3000 phase events are considered essential to support the unit METL. These events are measured as part of the unit's readiness reporting.

c. In an effort to standardize training for common events across MACCS agencies and to develop baseline MAGTF knowledge within the MACCS community, the MAWTS-1 C3 Course Catalog is used to maintain MACCS common T&R events, serve as a companion to this T&R manual, and maintain and standardize the programs of instruction (POI) for the following areas: MACCS Aviation Career Progression Model (ACPM), MACCS instructor concept, command and control systems (C2SYS) events, as well as standardized tracking codes for completion of selected formal schools (SCHL). All MACCS common events shall reside in the MAWTS-1 C3 Course Catalog (reference (b)). These common events are assigned T&R event numbers that have been blocked solely for common MACCS events and shall not be used in MACCS community T&Rs; they are for the sole purpose of MACCS common events. As new MACCS common events are identified and defined, they will be added to the course catalog. These additions may expand the numbers blocked for the new MACCS common T&R events. Deviation from subject blocked numbers is not permitted without the written consent of the C3 Division at MAWTS-1. Reference the C3 Course Catalog for an updated list of block numbers to ensure they are not used (duplicated) in this syllabus.

T&R Codes Block	MACCS Common Training Program
2900-2999	Command and Control Systems (C2SYS)
4900-4999	Command and Control Systems (C2SYS)
5000-5150	Instructor Under Training (IUT)
6000-6099	Standardized Tracking Codes for Formal Schools
6320-6329	IUT Designations
8000-8099	ACPM
8200-8499	Reserved for Future MACCS Common Events

## 2. Training Personnel

a. Trainee. A trainee is an individual who is undergoing training to achieve a particular skill set, certification, qualification or designation essential to the accomplishment of unit mission essential tasks. The trainee shall complete all event prerequisites before commencing training in the event, stage, phase, Core Skill, Mission Skill, or Core Plus Skill for which the prerequisite applies.

b. Instructor. An instructor is someone who has been designated to conduct training and evaluations. These training events and evaluations normally consist of subject areas for which they are proficient and current. Instructor designation requirements are specified in the 5000 phase of this syllabus and reference (b).

3. Program of Instruction (POI). A group of events within a syllabus that an individual is required to perform; a POI can be thought of as a subset of a T&R syllabus. The following are the two POI categories applicable to the MACCS: Basic and Refresher.

a. Basic POI. Trainees will initially be assigned to the Basic POI where they will complete all required events to achieve core and mission proficiency and be certified, qualified or designated.

b. Refresher POI.

(1) The Refresher POI consists of the R-coded events from the Basic POI. A trainee assigned to a Refresher POI shall re-complete all R-coded events required for the respective position, core or mission skill and those applicable events not previously completed in the Basic POI.

(2) Due to the highly perishable nature of command and control systems (C2SYS) skills, these events are required to be refreshed every 182 days (6 months) to remain current.

(3) Training intervals for R-coded events are noted in the events and in the T&R syllabus matrix. Events shall be updated / refreshed prior to the expiration of an event or that event will become delinquent. If any R-coded event becomes delinquent, the individual cannot count towards CMMR for that Core or Mission Skill in which the R-code is delinquent. To maintain proficiency in a Core, Mission, or Core Plus skill, trainees must refresh R-coded events. If a trainee is absent from a DASC billet for greater than 1095 days (3 years), the trainee shall complete all R-coded events for the Core, Mission, or Core Plus Skills specified in the assigned refresher POI to regain proficiency.

(4) Refresher training for qualifications is required every 1095 days (3 yrs). If a trainee becomes delinquent in all associated qualification events, the qualification is lost. For details on maintaining or regaining qualifications refer to paragraph 215.2 of reference (a).

4. T&R Phases

a. This manual is divided into seven distinct phases with an additional phase placeholder for future use, see chapter 6 of reference (a) for a detailed description of each training phase. Each phase contains stages and events that apply to multiple POIs. For example, the core skill phase (2000) will contain stages and events that are core skills for Air Support Control Officers, others that are core skills for SADs, and others that apply to DASC OICs.

Phase	Material
1000	Core Skill Introduction
2000	Core Skills
3000	Mission Skills
4000	Core Plus Skills
5000	Instructor Training
6000	Certifications, Qualification, Designation
7000	Reserved for future use
8000	Academic Training (ACPM)

b. Core Skill training consists of 2000-phase events that develop fundamental skills. The attainment of these basic skills provide the trainee with essential "building block" skill sets required to proceed to more advanced mission skill training. Core skills indirectly support the unit METL.

c. Mission Skill training consists of 3000-phase events that develop advanced skills essential to the accomplishment of unit mission essential tasks. The completion of these tasks ensures the trainee is trained to directly support the unit METL.

d. The 2000- and 3000-phase events are essential to support the unit Core METL. Mission skills are measured as part of the unit reporting.

e. Core Plus training consists of 4000-phase events.

(1) This phase contains training standards applicable to large-scale integrated missions, unique mission areas, geographic specific training, or mission areas having a low probability of execution.

(2) This phase may also train individuals to be capable of leading and directing maintenance operations in a complex wartime scenario. Although Core Plus training events may provide valuable training opportunities, they are not measured as part of the unit reporting.

## 5. Event Training

a. Trainee. The trainee shall study, review and practice the event requirement to achieve the event performance standard. Instructors will provide required references during training and ensure the trainee has read and understands them. All event performance standards are to be evaluated without the aid of reference.

b. Instructor. The instructor shall train all events with a comprehensive overview of the requirement, to include performance steps, emphasizing procedures and knowledge essential to the event performance standard. All event training shall terminate with the instructor debriefing the trainee on performance. This debrief will include at a minimum a comprehensive review of the trainee's performance, corrective action required to meet the standard, and a plan on how to proceed with the training. Instructors are encouraged to mentor the trainee and enter into discussions that solidify and/or broaden their understanding. Once able to perform the event proficiently, the instructor shall evaluate the trainee and ensure the event is performed to standard. The MACCS Training Form (MTF) shall be used to document initial and subsequent performance of any event.

c. The 7208 training syllabus consists of live and academic training. All scenario driven events can be accomplished in a training environment or during actual exercises or contingency/combat operations. This syllabus does not contain simulator training events.

d. Prerequisites. All prerequisites shall be completed prior to beginning training in an event. Distance learning courses completed as a prerequisite to event training will be documented by filing the completion certificate in the IPR.

e. DASC Academic Training.

(1) Academic training may be conducted prior to or concurrent with required events, based on the event requirement or prerequisite itself. For example, if an academic event is a prerequisite to an event, the academic event shall be completed prior to beginning training on that event.

(2) DASC academics exist as events in the various phases of this syllabus, in the ACPM and as external required academics (MCI, MarineNet, etc.). All academic events serve as prerequisite(s) to one or more events in the 2000 through 6000 phases. Additionally, courses, events and external academics may be identified as prerequisites to the various phases, stages and/or events contained in this syllabus.

f. Event References. Trainees will be provided required references during training to ensure they read and understand them. However, unless otherwise stated, all event performance standards are to be evaluated without the aid of reference.

g. Cross Training. Cross training allows for the development of new, higher level responsibilities while providing opportunity for Marines to continue to grow and develop job and career enhancing skills. Cross training provides commands flexibility to assign personnel to different jobs or billets enabling them to achieve CMMR to accomplish their missions.

h. Crew Assistance. If crew members are required to assist in the conduct of an event, the crew shall be core competent in the role they will play, as applicable. Training will be executed as individual training with appropriate assistance at the crew level as needed and as dictated by the conditions listed for each event. Crewmember assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual properly demonstrating the event performance standard.

6. Scenarios and Evaluations. Unit WTTP officers will oversee the production of scenario and evaluation training products to ensure they support the event training requirements. The MAWTS-1 C3 Department is available to assist with existing scenario materials or via formal fleet support, see reference (b).

7. Multiple Event Logging. There may be opportunities for trainees to accomplish the requirements of more than one event during a scheduled training evolution. Units are encouraged to take advantage of complex training opportunities that allow multiple event completion. Under all circumstances, post-event logging (single or multiple) is allowable if the requirements for each event are accomplished per the performance standard. If multiple events are scheduled to be accomplished during a single training evolution, appropriate planning, briefing, and debriefing time must be allotted to ensure requisite training objectives are met. Evaluators shall scrutinize to ensure the performance standard for each event code was met.

8. Syllabus Evaluation Form. A syllabus evaluation form is required for any initial or subsequent event training. The MACCS Training Form (MTF) is located in the C3 Course Catalog and available online at the MAWTS-1 C-3 website, <https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>.

## 9. Training Administration

a. Core, Mission and Core Plus Events. Once the evaluation form is approved and signed by required signatories, the event code is logged in M-SHARP, and form/accompanying documentation is filed in the IPR, only then will the trainee be credited for completing the event.



b. Certification, Qualification and Designation Events. These events shall have an evaluation form completed, approved and signed by required signatories, the IPR reviewed by the WTTP officer to ensure all requirements and prerequisites were met, letter signed by the commanding officer, event code logged in M-SHARP, and signed letters/accompanying documentation filed in the IPR. Only then is the trainee considered qualified or designated, as applicable. This Manual does not contain "one time" certification training requirements.

## 209. CORE SKILL INTRODUCTION TRAINING (1000)

### 1. General

a. Purpose. To provide classroom entry-level instruction to develop the basic skills necessary for an officer to have a general working knowledge on the characteristics, capabilities, limitations, and operations of DASC related systems and equipment that Air Support Control Officers are required to operate. This training is complete upon graduation from the Air Support Control Officer Course (ASCOC). Upon completion the Marine is designated MOS 7208.

b. Prerequisite. Meet the 7208 requirements delineated in MCO 1200.17 (Military Occupational Specialties (MOS) Marine Corps Manual).

c. Crew Requirement. Training will be executed as individual and crew training as dictated by the requirements listed for each event.

d. Academic Training. ASCO Course (CID M09T0A1) located at Marine Corps Communication-Electronics School (MCCES) in 29 Palms, CA. This program of instruction can be viewed at [www.29palms.usmc.mil/mcces](http://www.29palms.usmc.mil/mcces).

e. Stage. Air Support Control Officer (ASCO).

f. Total Training Events. 20 events, 112 hours.

### 2. Air Support Control Officer (ASCO)

ASCO-1000	4.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in MAGTF Operations.

Requirement. Identify the following:

1. Identify MAGTF Composition.
2. Identify the composition and mission of the Marine Division
3. Identify the types of Expeditionary Operations and how/when the DASC phases control ashore.
4. Identify the purpose of the FSCC and its composition.
5. Identify how Supporting Arms are used within the MAGTF, specific to direct air support operations.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 3-09
2. JP 1-02
3. MCDP 3
4. MCWP 3-1
5. MCWP 3-25.5
6. MCWP 3-43.1
7. MCWP 3-16
8. MCRP 5-12C

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ASCO-1020	4.0	(*)	B	E	ACADEMICS	L
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Goal. Identify how the Marine Aircraft Wing supports the MAGTF.

Requirement. Identify the following:

1. Identify the concepts for aviation support to the MAGTF.
2. Identify squadron nomenclature and missions assigned.
3. Identify Marine Wing composition.
4. Identify Manned and Unmanned Aircraft capabilities and limitations.
5. Identify Aviation Ordinance.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02
2. MCWP 3-2
3. MCWP 3-25.5
4. MCWP 3-25.3
5. MCRP 3-16.6A
6. MCRP 5-12C
7. DASC Pocket Checklist Section

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ASCO-1040	4.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in Offensive Air Support (OAS) Doctrine.

Requirement. Identify the following:

1. Identify purpose of OAS.
2. Identify requirements for Deep Air Support (DAS).
3. Identify requirements for Close Air Support (CAS).
4. Identify the differences between immediate and pre-planned OAS.
5. Identify Marine Corps airframes that have the primary mission of OAS.
6. Identify the unit(s)/agency(ies) within the MACG/MACCS that coordinate(s) OAS.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02

2. MCWP 3-23
3. MCWP 3-23.2
4. JP 3-09.3
5. MCWP 3-25.5
6. MCWP 3-25.3
7. MCRP 3-16.6A
8. MCRP 5-12C
9. DASC Pocket Checklist Section 9

ASCO-1060	4.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in Assault Support Doctrine.

Requirement. Identify the following:

1. Identify the purpose of Assault Support.
2. Identify the sub-categories of Assault Support.
3. Identify the differences between immediate and pre-planned Assault Support.
4. Identify Marine Corps airframes that have the primary mission of Assault Support.
5. Identify the unit(s)/agency(ies) within the MACG/MACCS that coordinate(s) Assault Support.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02
2. JP 3-50
3. MCWP 3-11.4
4. MCWP 3-2
5. MCWP 3-24
6. MCWP 3-25.5
7. MCWP 3-25.3
8. MCRP 5-12C
9. DASC Pocket Checklist

ASCO-1080	2.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in Aerial Reconnaissance Doctrine.

Requirement. Identify the following:

1. Identify the purpose of aerial reconnaissance.
2. Identify the two types of aerial reconnaissance.
3. Identify which aviation platforms can conduct aerial reconnaissance.
4. Identify the unit and system within the MACG that has the primary mission of aerial reconnaissance.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02
2. MCWP 3-26
3. MCWP 3-25.5
4. MCWP 3-42.1
5. MCWP 3-25.3
6. MCRP 5-12C
7. DASC Pocket Checklist

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ASCO-1100	2.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in Anti-Air Warfare (AAW) Doctrine.

Requirement. Identify the following:

1. Identify the definition of AAW.
2. Identify the two types of AAW.
3. Identify which units within the MACG have the primary mission of AAW.
4. Identify the Marine Corps' air defense systems for conducting AAW operations.
5. Identify the basic construct of an Integrated Air Defense System (IADS).
6. Identify and utilize alert conditions.
7. Identify Air Defense Communication/data link methods.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02
2. JP 3-01
3. MCWP 3-2
4. MCWP 3-22
5. MCWP 3-25.3
6. MCWP 3-25.5
7. MCRP 3-25E
8. MCRP 5-12C
9. DASC Pocket Checklist Section 10

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ASCO-1120	2.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in Electronic Warfare (EW) Doctrine.

Requirement. Identify the following:

1. Identify the definition and purpose for EW.
2. Identify the sub-sets of EW.
3. Identify which units within the Marine Corps conduct EW.
4. Identify the procedures used within the DASC to report enemy Electronic Attack operations.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02
2. JP 3-13.1
3. MCWP 3-22.2
4. MCRP 3-22.2A
5. MCWP 3-25.3
6. MCWP 3-25.5
7. MCWP 3-40.5
8. MCRP 5-12C
9. DASC Pocket Checklist

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ASCO-1140	8.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in Control of Aircraft and Missiles Doctrine.

Requirement. Identify the following:

1. Identify the Marine Corps' philosophy for Command and Control.
2. Identify the purpose for Control of Aircraft and Missiles.
3. Identify the structure of the MACCS and each agency's purpose.
4. Identify which agencies of the MACCS utilize positive control.
6. Identify which agencies of the MACCS utilize procedural control.
7. Identify agencies responsible for command and control of expeditionary operations.
8. Identify the definitions of Air Direction and Air Control.
9. Become familiar with the Theater Air Ground System (TAGS).
10. Become familiar with the doctrine for command and control of expeditionary operations.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02
2. JP 3-02
3. JP 3-30
4. JP 3-52
5. MCDP 3
6. MCWP 3-25
7. MCWP 3-25.3
8. MCWP 3-25.5
9. MCRP 5-12C
10. DASC Pocket Checklist
11. MTTP for TAGS

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ASCO-1160	8.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained regarding Threats to the MAGTF, as they apply to the DASC.

Requirement. Identify the following:

1. Identify and react to surface-to-air threats to the MAGTF.
  - a. Identify categories of AAA.
  - b. Identify categories of SAMs (MANPADs, Optical and RF Guided).
2. Identify and react to air-to-ground threats to the MAGTF.
  - a. F/W Threats.
  - b. R/W Threats.
3. Identify and react to surface-to-surface threats to the MAGTF.
  - a. Armor Threats.
  - b. APC Threats.
  - c. Artillery Threats.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. AFTTP 3-1
2. Section 10 of the DASC Pocket Checklist.

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ASCO-1180	2.0	(*)	B	E	ACADEMICS	L
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Goal. Identify and utilize Operations documents for DASC operations.

Requirement. Perform the following:

1. Identify and extract information from a USMTF message.
2. Extract direct air support information from an Air Tasking Order (ATO) and Airspace Control Order (ACO).
3. Utilize the ACEOI to extract direct air support communication information.
4. Extract information from an Operations Order as it applies to DASC operations.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 6-0
2. MCWP 3-25
3. MCWP 3-25.3
4. MCWP 3-25.5
5. MCWP 3-40.1
6. MCWP 3-40.2
7. MCWP 3-40.3
8. DASC Pocket Checklist

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ASCO-1200	2.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in information management theory.

Requirement. Identify the following:

1. Identify and utilize direct air support communication nets.

2. Utilizing a guard chart, identify which nets the DASC is required to use.
3. Identify security procedures for classified information.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 6-0
2. MCWP 3-25
3. MCWP 3-25.3
4. MCWP 3-25.5
5. MCWP 3-40.1
6. MCWP 3-40.2
7. MCWP 3-40.3
8. DASC Pocket Checklist

ASCO-1220	8.0	(*)	B	E	1	AN/MRQ-12 & AN/UYQ-3B	L
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Goal. Operate Air Support Communications Equipment.

Requirement. Identify and utilize the following:

1. DASC Single Channel Radio Equipment
  - a. Nomenclatures
  - b. Frequency Ranges for each set.
  - c. Communications Range (for each configuration).
  - d. Power Requirements and Variable Configurations.
  - e. Antenna Configurations.
  - f. Spectrum associated.
2. DASC Communication Shelter Equipment
  - a. Radio Components
  - b. Communications Distribution Equipment
  - c. Antenna Configurations and Nomenclature
3. AN/UYQ-3B
  - a. Radio Components
  - b. Operator Positions
  - c. Airframe considerations

Performance Standard. Without the aid of reference pass a written exam with a minimum score of 80% and complete the practical application.

Reference.

1. MCWP 3-25.5
2. DASC Pocket Checklist
3. Harris Quick Reference Pocket Guide for the AN/PRC-117 and AN/PRC-150
4. MCTSSA's Marine Corps Tactical Data Systems Reference Guide

ASCO-1240	40.0	(*)	B	E	1	AN/MRQ-12	L
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Goal. Conduct DASC operations utilizing air support communications equipment.

Requirement. Perform the following:

1. Conduct authentication, encryption and decryption.
  - a. Encrypt Information
  - b. Decrypt Information
  - c. Authenticate
  - d. Time Authenticate
2. Utilizing the Operator Interface:
  - a. Place and answer a telephone call.
  - b. Utilize the intercommunications system (ICS).
  - c. Monitor and Transmit on a radio net using appropriate RT procedures.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. MCWP 3-25.5
2. MCWP 3-40.1
3. MCWP 3-40.3
4. MCWP 3-40.3A
5. MCWP 3-40.B
6. DASC Pocket Checklist
7. Harris Quick Reference Pocket Guide for the AN/PRC-117 and AN/PRC-150
8. MCTSSA's Marine Corps Tactical Data Systems Reference Guide

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ASCO-1260	2.0	(*)	B	E	ACADEMICS	L
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Goal. Accurately plot direct air support information.

Requirement. In the classroom or field environment and given a map, perform the following:

1. Locate and/or Plot a UTM coordinate.
2. Locate and/or Plot a Latitude/Longitude coordinate.
3. Plot friendly/enemy units using appropriate symbols.
4. Plot FSCM/ACMs using appropriate symbols.
5. Plot DASC specific symbols (JTAR/ASR/etc...).
6. Maintain TAD/HD Aircraft mission status boards.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. MCWP 3-25.5
2. DASC Pocket Checklist
3. MCRP 5-2A (Operational Terms and Graphics)

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ASCO-1280	2.0	(*)	B	E	ACADEMICS	L
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Goal. Receive and process immediate air support requests.

Requirement. Conduct the following:

1. Receive and process JTARs.



2. Receive and process ASRs.
3. Receive and process CASEVACs.
4. Exchange direct air support information with requesting unit.
5. Identify the components of the request forms.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. MCWP 3-25.5
2. DASC Pocket Checklist

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ASCO-1300	5.0	(*)	B	E	1	DASC	L
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Goal. Perform as a Tactical Air Director

Requirement. In a DASC, perform the following:

1. Parse the ATO to create accurate soft frags.
2. Route aircraft in accordance with ATO.
3. De-conflict aircraft with surface to air threats, other aircraft, and combined arms fires.
4. Use proper terminology associated with procedural control.
5. Use the SALT brief to RIO F/W aircraft.
6. Accurately control common F/W missions:
  - a. CAS
  - b. XCAS
  - c. FAC(A)
  - d. Reconnaissance
  - e. Refueling
  - f. SCR
  - g. UAS
  - h. Downed A/C
7. Pass and receive air support requests to and from F/W aircraft.
8. Give a crew brief.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80% and apply knowledge gained in practical application using the DASC.

Reference.

1. MCWP 3-25.5
2. DASC Pocket Checklist

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ASCO-1320	5.0	(*)	B	E	1	DASC	L
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Goal. Perform as a Helicopter Air Director

Requirement. In a DASC, perform the following:

1. Parse the ATO to create accurate soft frags.
2. Route aircraft in accordance with ATO.
3. Deconflict aircraft with surface to air threats, other aircraft, and combined arms fires.

4. Use proper terminology associated with procedural control.
5. Use the SALT brief to RIO R/W aircraft.
6. Accurately control common R/W missions:
  - a. CASEVAC
  - b. CAS
  - c. ASC(A)
  - d. Reconnaissance
  - e. VIP
  - f. Troop Insert
  - g. UAS
  - h. Logistics
7. Pass and receive air support requests to and from R/W aircraft.
8. Give a crew brief.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80% and apply knowledge gained in practical application using the DASC.

Reference.

1. MCWP 3-25.5
2. DASC

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ASCO-1340	2.0	(*)	B	1	AFATDS	L
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Goal. Familiarize the operator on Advanced Field Artillery Tactical Data Systems (AFATDS) for direct air support operations

Requirement. Utilizing an AFATDS, introduce the following:

1. Apply power, and login.
2. Perform setup initialization: Install map mod, map center, printer, alarms and set time.
3. Setup communications: Owner ID, subscriber data and communication check.
4. Send/receive plain text messages.
5. Send/receive Battlefield Geometry.
6. Process data techniques.
7. Artillery firing update (AFU).

Performance Standard. Become familiar with AFATDS.

Reference.

1. MCTSSA's Marine Corps Tactical Data Systems Reference Guide
2. Ft Sill AFATDS Software User's Manual (SUM)

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ASCO-1360	4.0	(*)	B	E	1	TBMCS	L
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Goal. Familiarize the operator on Theater Battle Management Core System (TBMCS) for direct air support operations

Requirement. Utilizing a TBMCS terminal, and without the aid of references, perform the following:

1. Login and Subscribe to Alerts.

2. Login to the CAOC Central Webpage (CCWeb).
3. Send/receive email using Iris For Outlook (IFO).
4. Utilizing CCWeb:
  - a. Operate Execution Status and Monitoring Tool (ESTAT).
    - (1) Open the appropriate Air Battle Plan (ABP).
    - (2) Update aircraft mission status
    - (3) Access mission Operational Support Pages (OPages)
  - b. Operate Web Air Request Processor (WARP).
    - (1) Load appropriate ABP.
    - (3) Input an immediate Air Support Request.
    - (4) Pair aircraft mission data with request.
    - (5) Apply BDA to request.
  - c. Access the ATO/ACO using the ATO/ACO Tool (AAT).

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. MCTSSA's Marine Corps Tactical Data Systems Reference Guide
2. DASC Pocket Checklist Section 15

ASCO-1380	2.0	(*)	B	1	C2PC	L
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Goal. Familiarize the operator on Command and Control Personal Computer Application (C2PC) for direct air support operations

Requirement. Utilizing C2PC applications, perform the following:

1. Utilize Map Manager to load maps.
2. Utilize the range-bearing tool.
3. Receive, Send, and Build Overlays.
4. Apply appropriate filters.
5. Plot Immediate Air Requests
6. Accomplish Datum conversions.
7. Plot direct air support information (unit locations, gun-target lines, etc...).

Performance Standard. Become familiar with Command and Control Personal Computer Application (C2PC)

Reference. MCTSSA's Marine Corps Tactical Data Systems Reference Guide

210. CORE SKILL TRAINING (2000)

1. General

a. Purpose. Core Skills are intended to train the individual to utilize the tools, systems and procedures required during performance as a DASC crew member. Core Skills require a set of events to be completed to ensure a level of proficiency is achieved before the trainee proceeds to Mission Skill training.

b. Prerequisite. Complete primary MOS Core Skill Introduction training and appropriate POI.

c. Stages

1. Academics (ACAD)
2. Communications (COMM)
3. Equipment (EQUIP)
4. DASC OIC (DOIC)
5. Familiarization (FAM)
6. Control (CTRL)
7. Senior Air Director (SADR)
8. Command and Control Systems (C2SYS)

2. Academics (ACAD)

a. Purpose. To review, develop and evaluate knowledge of DASC operations, systems and procedures.

b. Admin Note. The academic events in this phase are intended to complement and supplement those in the ACPM. In addition to the events listed in this phase, all trainees will also complete ACPM-8003, DASC, and complete a self-paced reading of MCWP 3-25.5, DASC Handbook while undergoing training in this syllabus.

c. Total Training Events. 5 events, 3 hours

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ACAD-2000	.5	(*)	B	E	L
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Goal. Demonstrate knowledge of DASC crew positions.

Requirement. For each doctrinal crew position within the DASC:

1. Identify the duties and responsibilities of the position
2. Identify and describe the doctrinal net(s) used
3. Identify the frequency spectrum of the net
4. Identify the agencies/units operating on the net
5. Provide examples of information passed/received from those agencies/units

Performance Standard. Without the aid of reference, pass a test (oral or written) with a minimum score of 80%.

Prerequisite. ACPM-8003

Instructor. BI

Reference.

1. MCWP 3-25.5, DASC Handbook
2. DASC Pocket Checklist
3. MCWP 3-40.3, Communications

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ACAD-2001	.5	(*)	B	E	L
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Goal. Understand storage and handling of classified material.

Requirement.

1. State the different levels of classification

2. State the marking requirements for each level of classification
3. State the Two-person integrity rule (TPI)
4. State storage procedures for each level of classification
5. Identify transportation requirements for classified material
6. State the sections of the SF-702
7. Identify the approved security containers utilized for

Performance Standard. Without the aid of reference, pass a test (oral or written) with a minimum score of 80%.

Instructor. BI

Reference.

1. MCO P5510.1A
2. EKMS-1

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ACAD-2002	.5	(*)	B	E	L
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Goal. Understand Airspace Coordination Measures / Fire Support Coordination Measures

Requirement.

1. Identify the elements of an airspace coordination means request
2. Identify the 8 types of ACMS, describe and provide examples of each
3. Given a list of 25 ACMS (mapped usages) from the reference, provide the definition and purpose for each
4. Identify FSCMs commonly used by the MAGTF.

Performance Standard. Without the aid of reference, pass a test (oral or written) with a minimum score of 80%.

Instructor. BI

Reference.

1. JP 3-52, Joint Doctrine for Airspace Control in the Combat Zone
2. MCWP 3-16, Fire Support Coordination in the GCE

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ACAD-2003	.5	(*)	B	E	L
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Goal. Understand weather reports and impacts of weather on aviation operations

Requirement.

1. Identify the common aviation related weather reports
2. Interpret a METAR
3. Given a scenario by the instructor, identify the potential impacts to aviation operations of various weather

Performance Standard. Without the aid of reference, pass a test (oral or written) with a minimum score of 80%.

Instructor. BI

Reference.

1. MCWP 3-35.7 MAGTF Meteorological and Oceanographic Support
2. Federal Meteorological Handbook No. 1

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ACAD-2004	.5	(*)	B	E	L
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Goal. Understand aviation ordnance

Requirement. Provided a list of 25 examples of air-to-ground ordnance, describe each to include:

1. Nomenclature and/or short title
2. Description
3. Guidance scheme
4. Provide examples of targets it is effective against
5. Provide examples of USMC aircraft that can employ it

Performance Standard. Without the aid of reference, pass a test (oral or written) with a minimum score of 80%.

Instructor. BI

Reference.

1. DASC Pocket checklist
2. JP 3-09, Joint Fire Support

3. Communications (COMM)

a. Purpose. To develop proficiency in utilizing MASS organic communications equipment and procedures.

b. Total Training Events. 3 events 6 hours

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COMM-2140	0.5	(*)	B		L
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Goal. Describe the characteristics, capabilities & limitations of the VHF/UHF/SATCOM radio.

Requirement. State following capabilities of the UHF/VHF/SATCOM radio

1. State the capabilities and limitations of the UHF/VHF/SATCOM radio.
2. State the purpose and associated frequency spectrum for Frequency Hopping and HAVE QUICK.

Performance Standard. State the requirement items IAW the reference; minor errors corrected by the trainee are acceptable.

Instructor. BI

Reference. Technical Manual, Operator's Manual

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COMM-2145	0.5	(*)	B			L
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Goal. Describe the characteristics, capabilities & limitations of the HF/VHF radio.

Requirement. Given two HF/VHF radios, conduct the following:

1. Identify capabilities and limitations of the HF/VHF radio.
2. Explain the functions and capability of chat.
3. Explain the purpose of Automatic Link Establishment (ALE).
4. Given a complete HF/VHF radio and required associated equipment, send and receive chat messages.

Performance Standard. Complete requirement items IAW the reference; minor errors corrected by the trainee are acceptable. The instructor will verify that the data and chat messages are sent and received.

Instructor. BI

Reference. Technical Manual, Operator's Manual

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COMM-2160	2.0	(*)	B	1	DASC	L
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Goal. Identify communication problems.

Requirement. Given an operational Direct Air Support Center (DASC) and a scenario with verifiable communications problems:

1. Identify net restoration/maintenance priorities.
2. Determine the communications problems
3. Determine source of the communication problem:
  - a. Operator error
  - b. System degradation
  - c. System jamming
  - d. System intrusion
  - e. System interference
4. Correct the problem by initiating appropriate action and/or reports.

Performance Standard. Identify and describe all five communication problems. Instructor may evaluate trainee on naturally occurring communication problems without a scenario should they occur.

Prerequisite. QUAL-6200, 6201

Instructor. BI

Reference.

1. MCRP 3-40.3B, Radio operator's handbook
2. MCRP 3-40.3C, Antenna Handbook
3. MCWP 3-40.3, Communications and Information Systems

4. Equipment (EQUIP)

a. Purpose. To develop proficiency in utilizing DASC operational equipment and hardware.

b. Total Training Events. 4 events 12.5 hours

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EQUIP-2210	1.5	(*)	B	1	AN/MRQ-12	L
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Goal. Identify the characteristics, capabilities and limitations of the AN/MRQ-12.

Requirement. Identify and explain the following:

1. Identify the nomenclature and number of radios SL-3 to the MRQ-12.
2. Identify the number of radio nets and frequency spectrum breakdown provided by the MRQ-12.
3. Identify antennas SL-3 to the MRQ-12.
4. Explain the power requirements for running the MRQ-12 continuously (generator, self powered, slave cables?) for 12 hours.
5. Explain the remote capability of the MRQ-12.

Performance Standard. Identify and explain the requirement items IAW the reference and without error.

Instructor. BI

Prerequisite. COMM-2140, 2145

Reference.

1. TM 10576C-OI/1, Communication Interface System AN/MRQ-12(V)3
2. TM 10576D-OI, Communication Interface System AN/MRQ-12(V)4
3. Harris Quick Reference Pocket Guide for the AN/PRC-117
4. Harris Quick Reference Pocket Guide for the AN/PRC-150
5. MCWP 3-25.5 DASC Handbook
6. DASC Pocket Checklist
7. MCTSSA's Marine Corps Tactical Data Systems Reference Guide

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EQUIP-2220	1.0	(*)	B			L
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Goal. Identify the characteristics, capabilities, limitations and requirements for the AN/UYQ-3B.

Requirement. Identify the following concerning the AN/UYQ-3B:

1. Identify nomenclature and number of radios organic to AN/UYQ-3B.
2. Identify the number of radio nets and frequency spectrum provided by the AN/UYQ-3B.
3. Identify the ducting requirements of the Air Conditioning unit organic to the AN/UYQ-3B.
4. Identify external support/equipment required.
5. Explain the load/unload procedures for the AN/UYQ-3B.

Performance Standard. Identify and explain the requirement items IAW the reference; minor errors corrected by the trainee are acceptable.



Instructor. BI

Reference. AN/UYQ-3B Technical Manual

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EQUIP-2240	0.5	(*)	B		L
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Goal. Identify the characteristics, capabilities and limitations of Motor Transport and Utilities (MT/UT) equipment associated with the MASS.

Requirement. Identify the MT/UT equipment as follows:

1. Identify rolling stock organic to the MASS. Conduct the following for each:
  - a. State the proper nomenclature.
  - b. State the power capabilities/requirements.
  - c. Identify what gear is SL-3 to each vehicle.
  - d. Explain how MT support equipment is employed
  - e. Identify what equipment the vehicles can tow/carry.
2. Identify utility equipment organic to the MASS. Conduct the following for each:
  - a. State the proper nomenclature.
  - b. State the power capabilities/requirements.
  - c. State the relationship between utility equipment and specific DASC configurations
3. Explain proper hazardous material handling.

Performance Standard. Identify and explain the requirement items IAW the references; minor errors corrected by the trainee are acceptable.

Instructor. BI

Reference.

1. MSTP Pamphlet, MAGTF Planner's Guide
2. DASC Pocket Checklist

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EQUIP-2250	1.0	(*)	B	E	L
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Goal. Identify the characteristics, capabilities and limitations of the DASC MRC vehicles.

Requirement. For both the DASC MRC vehicles review the characteristics as follows:

1. State the proper nomenclature
2. State the frequency spectrum
3. State expected range and factors affecting range
4. Identify power requirements and output
5. Identify associated cryptological equipment
6. Identify compatible antennae
7. Identify SL-3 items

Performance Standard. Without the aid of reference, pass a test (oral or written) with a minimum score of 80%.

Prerequisite. COMM-2140, 2145

Instructor. BI

Reference.

1. DASC Pocket checklist

5. DASC OIC (DOIC)

a. Purpose. To develop technical expertise and proficiency in DASC employment, integration into the MACCS and coordination with elements of the MAGTF, and planning for and management of air support operations.

b. Admin Notes.

(1) At the conclusion of this stage of training individuals will have attained proficiency in the skills required to conduct the duties of an Officer-in-Charge of an Air Support Liaison Element (ASLT), Air Support Element (ASE) and/or a Direct Air Support Center (DASC) (with or without extensions/echelons).

c. Crew Requirement. None.

d. Total Training Events. 9 events, 93 hours.

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DOIC-2500	80.0	(*)	B	L
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Goal. Create and execute a DASC Drill.

Requirement. Given a list of training objectives, plan, coordinate, and execute a DASC simulation to include:

1. Develop a scenario IAW training objectives.
2. Build a DASC drill to support the scenario; ensure the drill includes production key documents:
  - a. ATO/SPINS
  - b. ACO
  - c. OPOD, COMM Plan, ACP
  - d. Master Scenario Event List
3. Submit the scenario and DASC drill to the instructor.
4. Request required communications and support equipment
5. Identify crew composition
6. Oversee setup of the DASC and white cell
7. Ensure execution and evaluation of the scenario
8. Compile After-Action items

Performance Standard. Complete the requirement items IAW the references. Develop a scenario and supporting documents to attain unit training objectives and supervise the execution of the drill to conclusion. Once the instructor approves the scenario and DASC drill, trainee will complete requirement items 4 through 7. Prospective DASC OICs and DASC Chiefs may work together concurrently on this and both may receive credit. However, both must demonstrate proficiency in the requirement items.

Prerequisite. ACPM-8000, 8020, and 8040.

Instructor. WTI

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook
3. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
4. MCWP 5-1, Marine Corps Planning Process (MCP)
5. MSTP Pamphlet 5-0.3, MAGTF Planner's Reference Manual
6. MCRP 3-0A, Unit Training Management (UTM) Guide
7. MCRP 3-0B, How to Conduct Training
8. DASC Training and Readiness Manual

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DOIC-2510	1.5	(*)	B	L
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Goal. Conduct DASC site selection.

Requirement. Given the references, a Table of Equipment (T/E) and/or Equipment Density List (EDL) and a general location, conduct a map survey and select a site that will support DASC operations and draw a site diagram accounting for the following considerations:

1. Identify environmental concerns that may effect DASC communication.
2. FSCC collocation/coordination.
3. Site security.
4. Camouflage and dispersion.
5. Trafficability.
6. Location of communications and support equipment.
7. Priority for equipment emplacement.
8. Echelon considerations.
9. Identify composition of the advanced party/RSOP team.
10. Identify alternate sites.

Performance Standard. Perform the requirement items IAW the reference. Instructor will validate the site diagram supports the mission. The trainee will discuss with the instructor the reasoning for the following (instructors are encouraged to discuss site survey in depth with the trainee):

1. Determining factors in selecting the site.
2. Site limitations (if any).
3. How site will support mission requirements.

Instructor. WTI

Prerequisite. QUAL-6200, QUAL-6201; ACPM-8000, 8020, and 8040

Reference.

1. MCWP 3-25.5, DASC Handbook
2. DASC Pocket Checklist
3. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System

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DOIC-2520	1.5	(*)	B	L
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Goal. State the procedures and challenges of DASC displacement operations.

Requirement. Given a scenario-based Tactical Decision Game (TDG):

1. Define DASC displacement operations.
2. Explain the steps of DASC displacement operations IAW DASC Pocket Checklist.
3. Write a plan for the DASC to displace, annotate identified issues of concern.

Performance Standard.

1. Complete all the requirement items IAW the reference. Instructor will discuss each item with the trainee. The written plan must support the scenario.
2. This event could include one to three individuals (including prospective DASC Chiefs) that work together to produce a product that demonstrates an understanding of how to conduct DASC displacement operations.

Instructor. WTI

Prerequisite. QUAL-6200, QUAL-6201; ACPM-8000, 8020, and 8040

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook
3. MCWP 5-1, Marine Corps Planning Process (MCP)
4. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
5. MAGTF Operations Ashore

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DOIC-2530	2.0	(*)	B	L
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Goal. Determine communication assets to support the C2 mission.

Requirement. Given an Operations Order (OPORD):

1. Determine communication requirements for C2 mission.
2. List communication Principle End Items (PEI).
3. List required communications equipment ISO PEI (i.e., float, Bill of Material (BOM), Independent Cost Estimate (ICE), ancillary).
4. Submit the lists to the instructor for validation.

Performance Standard. Conduct the requirement items IAW the reference. Instructor will ensure the lists support the C2 mission in the OPORD.

Instructor. SI, WTI

Prerequisite. QUAL-6200, QUAL-6201; ACPM-8000, 8020, and 8040

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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DOIC-2540	2.0	(*)	B	L
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Goal. Determine DASC Crew and support equipment for a mission.

Requirement. Given a scenario, determine crew size and crew responsibilities, and communications and support equipment required to accomplish the DASC mission taking into account the following considerations:

1. Size of MAGTF supported.
2. Operational hours and duration of operation/exercise.
3. Number of communications nets required.
4. Size of ACE / sortie rate.
5. Size of GCE / expected rate of immediate requests.
6. Digital backbone.
7. Use of automated systems.
8. Use of DASC extensions.
9. Echelon requirements

Performance Standard. Complete all requirement items IAW the references. Communicate a plan to configure a DASC to support the scenario. The trainee will provide verbal justification to the instructor.

Instructor. WTI

Prerequisite. QUAL-6205; ACPM-8000, 8020, and 8040

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook
3. MCWP 5-1, Marine Corps Planning Process (MCPPE)
4. MSTP Pamphlet 5-0.3, MAGTF Planner's Reference Manual
5. Chapter 1 of this Manual

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DOIC-2550	2.0	(*)	B	L
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Goal. Build Equipment Density Lists (EDL) and packing lists.

Requirement. Given a scenario:

1. Define and state the purpose of an EDL.
2. Describe essential EDL contents.
3. Complete an EDL (consolidate Principal End Items (PEI) and submit to the instructor for review.
4. Define and state the purpose of a packing list.
5. Describe essential packing list contents.

Performance Standard. Conduct all the requirement items IAW the references. Instructor will validate the EDL and packing lists to ensure accuracy and that they support the scenario.

Instructor. SI

Reference.

1. MCRP 4-11.3G Unit Embarkation Handbook
2. Local SOP

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DOIC-2560	2.0	(*)	B	L
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Goal. Write a Bill of Material (BOM) request.

Requirement. Given a mission and required documents, write a BOM request.

1. State the purpose and process for submitting a BOM request.
2. Collect requests from squadron sections
3. Consolidate required materials into a BOM request.
4. Verify the request is sufficient to support 24 hour operations and for the length of the mission.
5. Submit the BOM to the instructor for validation.

Performance Standard. Complete the required items IAW the reference. Instructor will validate the BOM request is sufficient to support the mission length.

Instructor. SI

Reference. MCO P4400.150E w/erratum Ch 1-2 consumer-level supply policy manual

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DOIC-2570	1.0	(*)	B	L
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Goal. Verify equipment is packed for embark.

Requirement. Given an Equipment Density List (EDL), packing list, and embarked equipment:

1. Verify the packing lists support the EDL.
2. Verify SL-3 and Limited Technical Inspections (LTI) have been conducted.
3. Verify embarked equipment is packed properly.

Performance Standard. Conduct all the requirement items IAW the references.

Instructor. SI

Reference.

1. MCRP 4-11.3G Unit Embarkation Handbook
2. Local SOP

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DOIC-2580	1.0	(*)	B	L
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Goal. Understand physical security requirements.

Requirement. Define and explain the purpose of the following:

1. Guard schedule.
2. Entry Control Points (ECP).

3. Access rosters.
4. Personnel security clearances.
5. Placement of communication lines.

Performance Standard. Perform the requirement items IAW the reference and without error.

Instructor. SI

Reference.

1. MCWP 3-25.5, DASC Handbook
2. DASC Pocket Checklist
3. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System

6. Familiarization (FAM)

a. Purpose. To facilitate the understanding of DASC operations through the familiarization with and observation of agencies/ organizations external to the DASC involved in aviation operations.

b. Admin Note. The familiarization events contained in this phase are intended to complement the MACCS (8000) Stage and the MAGTF (8060) Stage of the ACPM. Each event is to be conducted as a tour of an operational facility under the guidance of a DASC SI or appropriate agency equivalent. Successful completion of the appropriate agency event contained in the ACPM are identified as prerequisites for individual events.

c. Academic Training. ACPM Stage 8000-8040 (TAD/HD), 8060-8080 (SAD)

d. Total Training Events. 6 events 12 hours

FAM-2600	2.0	(*)	B	1	TACP	L
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Goal. Observe a Tactical Air Control Party (TACP).

Requirement. While observing a TACP in a field environment demonstrate knowledge of the positions, equipment, and operations.

Performance Standard. Complete a tour of a TACP.

Prerequisite. ACPM-8001, 8003, 8023

Instructor. SI.

FAM-2610	2.0	(*)	B	1	TACC	L
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Goal. Observe a TACC COPS.

Requirement. While observing a TACC COPS, demonstrate knowledge of the positions, equipment and operations.

Performance Standard. Complete a tour of a TACC COPS.

Prerequisite. ACPM-8001, 8002, 8003

Instructor. SI

FAM-2620	2.0	(*)	B	1	UAS GCS	L
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Goal. Observe a VMU UAS Ground Control Station (GCS).

Requirement. While observing an operational UAS GCS demonstrate knowledge of the positions, equipment, and operations.

Performance Standard. Complete a tour of a VMU UAS site.

Prerequisite. ACPM-8001, 8003, 8007

Instructor. SI

FAM-2630	2.0	(*)	B	1	FSCC	L
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Goal. Observe a Fire Support Coordination Center (FSCC).

Requirement. While observing an FSCC in a field environment demonstrate knowledge of the positions, equipment, and operations.

Performance Standard. Complete a tour of a FSCC.

Prerequisite. ACPM-8001, 8003, 8062

Instructor. SI.

FAM-2640	2.0	(*)	B	1	TAOC (EW/C)	L
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Goal. Observe TAOC and/or EW/C.

Requirement. While observing a Tactical Air Control Operations Center (TAOC) and/or Early Warning/Control (EW/C) demonstrate knowledge of the positions, equipment, and operations.

Performance Standard. Complete a tour of a TAOC and/or EW/C.

Instructor. SI

FAM-2650	2.0	(*)	B	1	ATCF	L
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Goal. Observe an Air Traffic Control Facility (ATCF).

Requirement. While observing an Air Traffic Control Facility (ATCF) demonstrate knowledge of the positions, equipment, and operations.

Performance Standard. Complete a tour of an ATCF.

Instructor. SI

7. Procedural Control (CNTRL)

- a. Purpose. To develop proficiency in procedurally controlling manned



and unmanned aircraft.

b. Admin Notes.

(1) This stage progresses the ADCO from low operational tempo to increased sortie rate in three event levels.

(2) Upon completion of this portion of the training syllabus the Air Support Control Officer will have attained all skills required to be considered a Core Skill proficient DASC Tactical Air Director and Helicopter Director.

(3) Live or notional aircraft are acceptable, however a minimum of ten hours or three events must be completed with live aircraft.

c. Crew Requirement. A core capable DASC crew.

d. Academic Training. ACPM Stages 8000, 8020 and 8040

e. Total Training Events. 5 events, 18 hours.

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CTRL-2700	2.0	(*)	B	1	L
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Goal. Extract information from the ATO, ACO, and SPINS documents.

Requirement. Given an ATO, ACO, SPINS, OPERATIONS ORDER, DASC Handbook and DASC Pocket Checklist, extract key information necessary for the control of fixed-wing, rotary wing and unmanned aircraft as follows:

1. State the purpose, and use of each of each document.
2. Identify the agencies that use it
3. Extract ATO information necessary to:
  - a. Control
  - b. Route
  - c. Divert
4. Document extracted control information in a RIO Log.
5. Extract ACO information
6. Extract information pertinent to
  - a. Frequencies
  - b. Specific instructions for any deviations from OPORD and ACO.

Performance Standard. Complete the requirement items, extract information without error.

Instructor. BI

Prerequisite. ACPM-8000 and 8020

Reference.

1. JP 6-0
2. MCWP 3-25 Control of Aircraft of Missiles
3. MCWP 3-25.3 MACCS Handbook
4. MCWP 3-25.5 DASC Handbook
5. MCWP 3-40.1
6. MCWP 3-40.2

7. MCWP 3-40.3
8. ATO Primer (MAWTS-1 Local Document)
9. DASC Pocket Checklist

					DASC w/MOPP	
CTRL-2705	4.0	(365)	B,R	1	GEAR	L

Goal. Conduct Tactical Air Director (TAD) or Helicopter Director (HD) duties in a Chemical Biological Radiological Nuclear (CBRN) environment.

Requirement. Given an operational DASC and while in MOPP-IV performing as a TAD or HD:

1. Conduct an HD or TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Conduct TAD or HD duties in a CBRN environment by completing the requirement items IAW the reference. The instructor may provide minimal guidance.

Instructor. BI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist
3. FM 11-1 NBC Operations

CTRL-2710	4.0	(*)	B	1	DASC	L
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Goal. Level 1 - Control FW or RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC, (live, virtual or constructive) with low operational tempo, conduct the duties of a DASC Helicopter Director or Tactical Air Director. The instructor shall first demonstrate the duties and responsibilities of the position. The trainee will then demonstrate the ability to effectively conduct the following tasks while performing as a member of a DASC crew.

1. Conduct an HD or TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 1-2 sorties per hour and 1 immediate request per hour.

Instructor. BI

Prerequisite. CTRL-2700.

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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CTRL-2715	4.0	(*)	B	1	DASC	L
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Goal. Level 2 - Control FW or RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC, (live, virtual or constructive) with increased operational tempo, conduct the duties of a DASC Helicopter Director or Tactical Air Director.

1. Conduct an HD or TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 2-3 sorties per hour and 3 immediate requests per hour.

Instructor. BI

Prerequisite. CTRL-2710.

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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CTRL-2720	4.0	(7300)	B,R	E	1	DASC	L
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Goal. Level 3 - Control FW or RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC, (live, virtual or constructive) with increased operational tempo, conduct the duties of a DASC Helicopter Director or Tactical Air Director.

1. Conduct an HD or TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft

5. Divert the aircraft
6. Maintain a complete and accurate logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 3-5 sorties per hour and 4 immediate requests per hour.

Instructor. BI

Prerequisite. CTRL-2715.

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

8. Senior Air Director (SADR)

a. Purpose. To develop proficiency in crew and system management involved in direct air support operations.

b. Admin Notes.

(1) Upon completion of this portion of the training syllabus, the Air Support Control Officer will have attained all skills required to be considered a Core Skill proficient DASC Senior Air Director.

c. Prerequisite. TAD Qual (6201), HD Qual (6200).

d. Academic Training. Complete ACPM Stage 8000, 8020, 8060, 8080

e. Total Training Events. 7 events, 20 hours.

				DASC w/MOPP		
SADR-2800	4.0	(*)	B	1	GEAR	L

Goal. Conduct Senior Air Director (SAD) duties in a Chemical Biological Radiological Nuclear (CBRN) environment.

Requirement. Given an operational DASC and while in MOPP-IV performing as an SAD:

1. Identify alternate C2 communications procedures.
2. Plan personnel rotations while in MOPP-IV.
3. Utilize CBRN defense equipment as required.
4. Alert subordinate displaced elements.
5. Notify external agencies and aircraft.

Performance Standard. Conduct SAD duties in a CBRN environment by completing the requirement items IAW the reference. The instructor may provide minimal guidance.

Instructor. BI

Prerequisite. QUAL-6200, 6201

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist
3. FM 11-1 NBC Operations

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SADR-2810	8.0	(7300)	B,R	2	DASC	L
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Goal. Conduct the duties of Senior Air Director (SAD) during echelon operations and passage of control.

Requirement. Given the references, a DASC, an execution checklist, and a minimum of at least one sortie and two immediate air support requests (with or without displacement), pass or receive control.

Performance standard. Conduct duties of an SAD while a DASC passes or receives control by completing the requirement items IAW the reference. This event may be conducted with simulated echelon operations. The instructor may provide minimal guidance.

Instructor. WTI

Prerequisite. QUAL-6200, 6201; ACPM-8063, 8064

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist
3. JP 3-09
4. JP 1-02
5. MCDP 3
6. MCWP 3-1
7. MCWP 4-43.1
8. MCWP 3-16
9. MCRP 5-12C

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SADR-2815	4.0	(*)	B	1	KC-130T & AN/UYQ-3B	L
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Goal. Conduct duties of a Senior Air Director (SAD) in an Airborne DASC.

Requirement. Given an operational DASC(A):

1. Conduct crew brief/debrief.
2. Maintain logbook.
3. Ensure each crewmember are executing their duties.
4. Match available aviation assets with requests.
5. Pass information to crewmembers.
6. Manage the information systems in the DASC.
7. Manage assigned radio nets.
8. Coordinate with external agencies.
9. Coordinate supporting arms integration.
10. Phase control ashore (as required).
11. Conduct echelon operations as required.
12. Assist OIC in planning, deployment, and retrograde of the DASC.

Performance Standard. Conduct SAD duties while in a DASC(A) by completing the requirement items IAW the references at a minimum rate of two sorties per hour. The OIC will mentor the trainee throughout the planning, deployment, and retrograde process. This event is only required for those units that have the AN/UYQ-3B.

Instructor. SI.

Prerequisite. QUAL-6200, 6201

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist
3. JP 3-09
4. JP 1-02
5. MCDP 3
6. MCWP 3-1
7. MCWP 4-43.1
8. MCWP 3-16
9. MCRP 5-12C

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SADR-2820	1.0	(*)	B	E	1	DASC	L
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Goal. Introduce the duties and responsibilities of a DASC Senior Air Director.

Requirement. State the roles and responsibilities of a DASC Senior Air Director, to include at a minimum the following:

1. Conduct crew brief/debrief.
2. Maintain logbook.
3. Ensure each crewmember are executing their duties.
4. Match available aviation assets with requests.
5. Pass information to crewmembers.
6. Manage MAGTF information systems.
7. Manage assigned radio nets.
8. Coordinate with external agencies.
9. Coordinate supporting arms integration.
10. Phase control ashore as required.
11. Conduct a passage of control.
12. Assist OIC in planning, deployment, and retrograde of the DASC.

Performance Standard. Complete the requirement items to a capable level and IAW with the references.

Instructor. SI or WTI (SAD)

Prerequisite. COMM-2210; QUAL-6200, 6201

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook

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SADR-2825	1.0	(*)	B				L
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Goal. Match appropriate available aviation assets with requests.

Requirement. Given a map, a list of aircraft with ordnance loads (flying and on strip alert), and ten immediate air support requests for each of the following: Assault Support Request, Joint Tactical Air Strike Request, and a Casualty Evacuation form:

1. Assign appropriate aircraft to each immediate air support request.
2. Explain rationale for pairing of aircraft with request to evaluator(s).

Performance Standard. All 30 requests are assigned to an appropriate aircraft and verbal explanation provided supports the decision to select that aircraft.

Instructor. SI or WTI (SAD).

Prerequisite. QUAL-6200, 6201

Reference.

1. DASC Pocket Checklist
2. JP 1-02
3. MCWP 3-2, Aviation Operations
4. MCWP 3-25.5, DASC Handbook
5. MCWP 3-25.3, MACCS Handbook
6. MCRP 3-16.6A
7. MCRP 5-12C

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SADR-2830	1.0	(*)	B	L
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Goal. Assign nets to DASC radios and apply restoration priorities.

Requirement. Given the reference, a list of 15 radios and required nets to support a DASC scenario with three (3) radio failures:

1. Create a list of nets to appropriate radios.
2. Establish net restoration priority.
3. Explain net assignment and net restoration priorities.
4. Apply net restoration priorities given the 3 radio failures.

Performance Standard. List net restoration priorities to support the scenario. The instructor will verbally inform the trainee of three specific radio failures. Trainee will conduct requirement items three and four for each of the failures given. All items will be completed IAW the references.

Instructor. SI or WTI (SAD).

Prerequisite. QUAL-6200, 6201

Reference.

1. MCRP 3-40.3, Communications and Information Systems
2. DASC Pocket Checklist

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SADR-2835	1.0	(*)	B	L
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Goal. Extract critical information from supporting documents.

Requirement. Demonstrate the ability to extract critical information required for Direct Air Support Center (DASC) operations including but not limited to Fire Support Coordination Measures (FSCMs), Airspace Coordination Measures (ACMs), Scheme of Maneuver, Communications nets and frequencies, and aircraft missions from the following documents:

1. Warning Orders, Operations Orders (OPORDs) and Fragmentary Orders (FRAGOs).
2. Communications Plans and Automated Communications-Electronics Operating Instructions (ACEOI).
3. Airspace Control Plans (ACPs).
4. Airspace Control Orders (ACOs).
5. Air Tasking Orders (ATOs) and Special Instructions (SPINS).

Performance Standard. With the aid of the reference, identify and describe the source documents, identify required information, and identify the document where the information can be found. The instructor will verify the required information is extracted; minor errors corrected by the trainee are acceptable.

Instructor. SI or WTI (SAD).

Prerequisite. QUAL-6200, 6201

Reference.

1. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
2. DASC Pocket Checklist

9. Command and Control (C2SYS)

a. Purpose. To develop proficiency in utilizing the command and control systems used in DASC operations.

b. Admin Notes. Command and control system events are located in the MAWTS-1 C3 Course Catalog in order to maintain standardized training across the MACCS. The table below lists all C2SYS events that are to be completed by DASC personnel position dependent. See the MAWTS-1 C3 Course Catalog for the events listed in the table below.

c. Total Training Events. 9 events, 25.5 hours.

EVENT CODE	EVENT	POSITION	PRE-REQS
C2SYS-2900R	Set up profile on TBMCS client	TAD, HD	
C2SYS-2901R	Access TBMCS on line master help index	TAD, HD	2900
C2SYS-2902R	Utilize the TBMCS alerts service web application	TAD, HD	2901
C2SYS-2910R	Use ESTAT	TAD, HD	2902
C2SYS-2911R	Use WARP Index	TAD, HD	2902
C2SYS-2920R	Operate AFATDS	TAD, HD, DASC OIC	



C2SYS-2921R	Utilize a C2PC	TAD, HD, DASC OIC	
C2SYS-2922R	Operate BFT Equipment	TAD, HD, DASC OIC	
C2SYS-2924R	Operate JADOCs	SAD	6200, 6201

## 211. MISSION SKILL TRAINING (3000)

### 1. General

a. Purpose. Mission Skill training consists of advanced events that provide training on processes within the DASC and develop the trainee's ability to perform their duties as a member of a DASC crew while conducting DASC operations. Once required Mission Skills are completed, the trainee can be recommended to proceed to qualification evaluation or designation.

b. Prerequisite. Complete all Core Skill events required for the respective crew position.

#### c. Stages

1. Helicopter Director (HLDR)
2. Tactical Air Director (TADR)
3. Senior Air Director (SADR)
4. DASC OIC (DOIC)

### 2. Helicopter Director (HLDR)

a. Purpose. To develop proficiency in procedurally controlling manned and unmanned aircraft.

b. Prerequisite. CTRL-2700

#### c. Admin Notes.

(1) Upon completion of this portion of the training syllabus the Air Support Control Officer will have attained all skills required to be considered a Mission Skill proficient DASC Helicopter Director.

(2) Live or notional aircraft are acceptable.

d. Crew Requirement. A core capable DASC crew.

e. Academic Training. ACPM 8000, 8020, and 8040 are required to be eligible for HD qualification; therefore highly recommend ACPM requirements be completed prior to completing this stage of training.

f. Total Training Events. 5 events, 20 hours.

HLDR-3000	4.0	(*)	B	1	DASC	L
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Goal. Level 1 - Control RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live,

virtual or constructive) with increased operational tempo, conduct the duties of a DASC HD to include:

1. Conduct an HD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate HD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 1-2 sorties per hour and 2 immediate requests per hour.

Instructor. BI

Prerequisite. CTRL-2710

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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HLDR-3005	4.0	(*)	B	1	DASC	L
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Goal. Level 2 - Control RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive) with increased operational tempo, introduce IRC and conduct the duties of a DASC HD to include:

1. Conduct an HD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate HD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 2-3 sorties per hour and 3 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Instructor. BI

Prerequisite. HLDR-3000

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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HLDR-3010	4.0	(*)	B	1	DASC	L
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Goal. Level 3 - Control RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct the duties of a DASC HD to include:

1. Conduct an HD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate HD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 3-5 sorties per hour and 4 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Instructor. BI

Prerequisite. HLDR-3005

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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HLDR-3015	4.0	(1460)	B,R	E	1	DASC	L
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Goal. Level 4 - Control RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct the duties of a DASC HD, to include:

1. Conduct an HD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate HD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 4-6 sorties per hour and 5 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Instructor. SI

Prerequisite. HLDR-3010

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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HLDR-3020	4.0	(1095)	B,R	E	1	DASC	L
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Goal. Level 5 - Control RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct the duties of a DASC HD, to include:

1. Conduct an HD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate HD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 5-7 sorties per hour and 6 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Instructor. SI

Prerequisite. HLDR-3015

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

### 3. Tactical Air Director (TADR)

a. Purpose. To develop proficiency in procedurally controlling manned and unmanned aircraft.

b. Prerequisite. CTRL-2700

c. Admin Notes.

(1) Upon completion of this portion of the training syllabus the Air Support Control Officer will have attained all skills required to be considered a Mission Skill proficient DASC Tactical Air Director (TAD).

(2) Live or notional aircraft are acceptable.

d. Crew Requirement. A core capable DASC crew.

e. Academic Training. ACPM 8000, 8020, and 8040 are required to be eligible for TAD qualification; therefore highly recommend ACPM requirements be completed prior to completing this stage of training.

f. Total Training Events. 5 events, 20 hours.

TADR-3025	4.0	(*)	B	1	DASC	L
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Goal. Level 1 - Control FW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive) conduct the duties of a DASC TAD to include:

1. Conduct a TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate TAD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 1-2 sorties per hour and 2 immediate requests per hour.

Instructor. BI

Prerequisite. CTRL-2710.

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

TADR-3030	4.0	(*)	B	1	DASC	L
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Goal. Level 2 - Control FW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo and introduces IRC, (live, virtual or constructive) with higher, adjacent, and subordinate elements, introduce IRC and conduct the duties of a DASC TAD to include:

1. Conduct a TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate TAD logbook
7. Pass and receive immediate requests

8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 2-3 sorties per hour and 3 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Instructor. BI

Prerequisite. TADR-3025

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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TADR-3035	4.0	(*)	B	1	DASC	L
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Goal. Level 3 - Control FW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct the duties of a DASC TAD to include:

1. Conduct a TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate TAD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 3-5 sorties per hour and 4 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Instructor. BI

Prerequisite. TADR-3030

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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TADR-3040	4.0	(1460)	B,R	E	1	DASC	L
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Goal. Level 4 - Control FW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct

the duties of a DASC TAD to include:

1. Conduct a TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate TAD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 4-6 sorties per hour and 5 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Instructor. SI

Prerequisite. TADR-3035

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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TADR-3045	4.0	(1095)	B,R	E	1	DASC	L
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Goal. Level 5 - Control FW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC, with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct the duties of a DASC TAD to include:

1. Conduct a TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate TAD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 5-7 sorties per hour and 6 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Instructor. SI

Prerequisite. TADR-3040

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

4. Senior Air Director (SADR)

a. Purpose. To develop proficiency in crew and system management involved in direct air support operations. Upon completion of this portion of the training syllabus the ASCO will have obtained the required skills to be a qualified DASC Senior Air Director (SAD).

b. Prerequisite. SADR-2820; QUAL-6200, QUAL-6201.

c. Crew Requirement. A core capable DASC crew.

d. Academic Training. ACPM 8000, 8020, 8040, 8060, and 8080 are required to be eligible for SAD qualification; therefore highly recommend ACPM requirements be completed prior to completing this stage of training.

e. Total Training Events. 5 events, 20 hours.

SADR-3400	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a DASC Senior Air Director in a live/virtual DASC. Level-1 operational tempo.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive), provide a hands-on introduction to the roles and responsibilities of a DASC Senior Air Director. The instructor shall first demonstrate the duties and responsibilities of the position. The trainee will then demonstrate the ability to effectively conduct the following tasks while managing a DASC crew.

1. Conduct crew brief/debrief.
2. Maintain logbook.
3. Ensure each crewmember are executing their duties.
4. Match available aviation assets with requests.
5. Pass information to crewmembers.
6. Manage MAGTF information systems.
7. Manage assigned radio nets.
8. Coordinate with external agencies.
9. Coordinate supporting arms integration.
10. Phase control ashore as required.
11. Conduct a passage of control.
12. Assist OIC in planning, deployment, and retrograde of the DASC.

Performance Standard. Manage a crew with an operational tempo of 2-4 sorties per hour and 2 immediate request per hour. The trainee will demonstrate the ability to conduct the requirement to a proficient level as defined by the MACCS evaluation form.

Note: SADR-2800 (CBRN) and SADR-2810 (pass control) events can be performed concurrently with this event. However, the performance standard for each event must be met and documented in a separate evaluation form.

Instructor. SI or WTI(SAD)



Prerequisite. SADR-2820, 2825, 2830, 2835; QUAL-6200, QUAL-6201.

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook

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SADR-3405	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a DASC Senior Air Director in a live/virtual DASC. Level-2 operational tempo.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive), provide a hands-on introduction to the roles and responsibilities of a DASC Senior Air Director. The instructor shall first demonstrate the duties and responsibilities of the position. The trainee will then demonstrate the ability to effectively conduct the following tasks while managing a DASC crew.

1. Conduct crew brief/debrief.
2. Maintain logbook.
3. Ensure each crewmember are executing their duties.
4. Match available aviation assets with requests.
5. Pass information to crewmembers.
6. Manage MAGTF information systems.
7. Manage assigned radio nets.
8. Coordinate with external agencies.
9. Coordinate supporting arms integration.
10. Phase control ashore as required.
11. Conduct a passage of control.
12. Assist OIC in planning, deployment, and retrograde of the DASC.

Performance Standard. Manage a crew with an operational tempo of 4-6 sorties per hour, 3 immediate requests per hour, and 2 fires missions per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace. The trainee will demonstrate the ability to conduct the requirement to a proficient level as defined by the MACCS evaluation form.

Note: SADR-2800 (CBRN) and SADR-2810 (pass control) events can be performed concurrently with this event. However, the performance standard for each event must be met and documented in a separate evaluation form.

Instructor. SI or WTI (SAD)

Prerequisite. SADR-3400.

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook

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SADR-3410	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a DASC Senior Air Director in a live/virtual DASC. Level-3 operational tempo.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive), provide a hands-on introduction to the roles and responsibilities of a DASC Senior Air Director. The instructor shall first demonstrate the duties and responsibilities of the position. The trainee will then demonstrate the ability to effectively conduct the following tasks while managing a DASC crew.

1. Conduct crew brief/debrief.
2. Maintain logbook.
3. Ensure each crewmember are executing their duties.
4. Match available aviation assets with requests.
5. Pass information to crewmembers.
6. Manage MAGTF information systems.
7. Manage assigned radio nets.
8. Coordinate with external agencies.
9. Coordinate supporting arms integration.
10. Phase control ashore as required.
11. Conduct a passage of control.
12. Assist OIC in planning, deployment, and retrograde of the DASC.

Performance Standard. Manage a crew with an operational tempo that has 6-10 sorties per hour, 4 immediate requests every hour, and 3 fires missions per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace. The trainee will demonstrate the ability to conduct the requirement to a proficient level as defined by the MACCS evaluation form.

Note: SADR-2800 (CBRN) and SADR-2810 (pass control) events can be performed concurrently with this event. However, the performance standard for each event must be met and documented in a separate evaluation form.

Instructor. SI or WTI (SAD)

Prerequisite. SADR-3405

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook

SADR-3415	4.0	(1460)	B, R	E	1	DASC	L
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Goal. Perform the duties and responsibilities of a DASC Senior Air Director in a live/virtual DASC. Level-4 operational tempo.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive), provide a hands-on introduction to the roles and responsibilities of a DASC Senior Air Director. The instructor shall first demonstrate the duties and responsibilities of the position. The trainee will then demonstrate the ability to effectively conduct the following tasks while managing a DASC crew.

1. Conduct crew brief/debrief.
2. Maintain logbook.
3. Ensure each crewmember are executing their duties.
4. Match available aviation assets with requests.
5. Pass information to crewmembers.
6. Manage MAGTF information systems.
7. Manage assigned radio nets.
8. Coordinate with external agencies.
9. Coordinate supporting arms integration.
10. Phase control ashore as required.
11. Conduct a passage of control.
12. Assist OIC in planning, deployment, and retrograde of the DASC.

Performance Standard. Manage a crew with an operational tempo of 8-12 sorties per hour, 5 immediate requests per hour, and 4 fires missions per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace. The trainee will demonstrate the ability to conduct the requirement to a proficient level as defined by the MACCS evaluation form.

Note: SADR-2800 (CBRN) and SADR-2810 (pass control) events can be performed concurrently with this event. However, the performance standard for each event must be met and documented in a separate evaluation form.

Instructor. SI or WTI (SAD)

Prerequisite. SADR-3410

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook

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SADR-3420	4.0	(1095)	B, R	E	1	DASC	L
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Goal. Perform the duties and responsibilities of a DASC Senior Air Director in a live/virtual DASC. Level-5 operational tempo.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive), provide a hands-on introduction to the roles and responsibilities of a DASC Senior Air Director. The instructor shall first demonstrate the duties and responsibilities of the position. The trainee will then demonstrate the ability to effectively conduct the following tasks while managing a DASC crew.

1. Conduct crew brief/debrief.
2. Maintain logbook.
3. Ensure each crewmember are executing their duties.
4. Match available aviation assets with requests.
5. Pass information to crewmembers.
6. Manage MAGTF information systems.
7. Manage assigned radio nets.
8. Coordinate with external agencies.
9. Coordinate supporting arms integration.

10. Phase control ashore as required.
11. Conduct a passage of control.
12. Assist OIC in planning, deployment, and retrograde of the DASC.

Performance Standard. Manage a crew with an operational tempo that has 10-14 sorties per hour, 6 immediate requests per hour, and 5 fires missions per hour. This event should include the integration of fires with the use of FCSMs and ACMS in the DASC controlled airspace. The trainee will demonstrate the ability to conduct the requirement to a proficient level as defined by the MACCS evaluation form.

Note: SADR-2800 (CBRN) and SADR-2810 (pass control) events can be performed concurrently with this event. However, the performance standard for each event must be met and documented in a separate evaluation form.

Instructor. SI or WTI (SAD)

Prerequisite. SADR-3415.

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook

#### 5. DASC OIC (DOIC)

a. Purpose. To develop technical expertise and proficiency in DASC employment, integration into the MACCS and coordination with elements of the MAGTF, and planning for and management of air support operations.

b. Admin Notes.

(1) At the conclusion of this stage of training individuals will be eligible to be designated by the commanding officer as a Direct Air Support Center (DASC) Officer-in-Charge (OIC).

(2) Prerequisites: QUAL-6200, 6201.

c. Crew Requirement. Air Support Liaison Team (ASLT), Air Support Element (ASE) and/or DASC Detachment (multiple DASC Crews)

d. Academic Training.

e. Total Training Events. 2 events, 20 hours.

DOIC-3500	12.0	(*)	B	ASE/ASLT	L
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Goal. Conduct duties of an Officer-in-Charge of an Air Support Element (ASE) or an Air Support Liaison Team (ASLT).

Requirement. Given a Warning Order, Deployment Order and/or MCTEEP Exercise, a T/O and T/E, and other planning documents plan for and execute a deployment of an ASE or ASLT supporting a Battalion or larger GCE of at least five (5) days in length. Conduct planning and execution to include the following items:

1. Conduct Mission Analysis
2. Review OPORDs and Concept of Operations
3. Identify logistics/personnel and equipment requirements for an ASE or ASLT.
4. Conduct a site selection/survey (ASE)
5. Review Communications plan, ACEOI & Guard Chart
6. Produce LOI. Identify or create:
  - a. Training Objectives (as required)
  - b. Personnel Roster
  - c. Equipment Density List & Bill of Materials (BOM) Request
  - d. Comm Connectivity Diagram
7. Coordinate with external agencies (as required)
  - a. Inter Squadron
  - b. MACCS/NTACS Agencies
  - c. Fire Support Coordination Center (FSCC) & GCE
  - d. Joint C4I Agencies
  - e. Patient Evacuation Team (PET)
8. Final Confirmation Brief/Operations Brief
9. Conduct gear/equipment inspection and embarkation
10. Maintain accountability of DASC personnel
11. Ensure physical security of classified areas.
12. Supervise training of DASC personnel
13. Compile After-Action items

Performance Standard. Conduct this event in compliance with local training guides, SOP and governing directives.

Instructor. DASC WTI.

Prerequisite. ACAD-2000, 2001, COMM-2140, 2145, EQUIP-2250; DOIC-2510, 2530, 2540, 2550, 2560, 2570, and 2580; QUAL-6200, 6201; ACPM 8000, 8020, 8040, 8060. MarineNet Courses: Logistics Planning Considerations (0401AO) and Communications Plans and Orders (2540)

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook
3. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
4. MCWP 5-1, Marine Corps Planning Process (MCP)
5. MSTP Pamphlet 5-0.3, MAGTF Planner's Reference Manual
6. MCRP 3-0A, Unit Training Management (UTM) Guide
7. MCRP 3-0B, How to Conduct Training

DOIC-3510	8.0	7300	B, R	(1)	DASC	L
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Goal. Conduct the duties of a DASC OIC during a field deployment/exercise

Requirement. Given a Warning Order, Deployment Order and/or MCTEEP Exercise, a T/O and T/E, and other planning documents plan for and execute a MEB or MEF-level DASC deployment of at least five (5) days in length. Conduct planning and execution to include the following items:

1. Conduct Mission Analysis
2. Review OPORDs and Concept of Operations
3. Identify logistics/personnel and equipment requirements for a DASC

4. Conduct a site selection/survey
5. Review Communications plan, ACEOI & Guard Chart
6. Produce LOI. Identify or create:
  - e. Training Objectives
  - f. Personnel Roster
  - g. Equipment Density List/Bill of Materials (BOM) Request
  - h. DASC Comm Connectivity Diagram
7. Coordinate with external agencies as required
  - f. Inter Squadron
  - g. MACCS Agencies
  - h. Fire Support Coordination Center (FSCC) & GCE
  - i. Joint C4I Agencies
  - j. Patient Evacuation Team (PET)
8. Final Confirmation Brief/Operations Brief
9. Conduct gear/equipment inspection and embarkation
10. Maintain accountability of DASC personnel
11. Ensure physical security of classified areas.
12. Supervise training of DASC personnel
13. Compile After-Action items

Performance Standard. Conduct this event in compliance with local training guides, SOP and governing directives. This event can be completed locally as the execution phases of DOIC-2500 provided the DASC Drill incorporates movement away from the Squadron.

Instructor. DASC WTI.

Prerequisite. DOIC-2510, 2530, 2540, 2550, 2560, 2570, 2580; DOIC-3500; QUAL-6205;. MarineNet Courses: Logistics Planning Considerations (0401AO) and Communications Plans and Orders (2540)

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook
3. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
4. MCWP 5-1, Marine Corps Planning Process (MCP)
5. MSTP Pamphlet 5-0.3, MAGTF Planner's Reference Manual
6. MCRP 3-0A, Unit Training Management (UTM) Guide
7. MCRP 3-0B, How to Conduct Training

212. CORE PLUS TRAINING (4000)

1. General

a. Purpose. Core Plus Skills are intended to train the individual to utilize the tools, systems and/or procedures which have a low probability of execution or are theater specific.

b. Prerequisite. Complete primary MOS Core Skill Introduction training and appropriate POI.

c. Stages

1. Familiarization (FAM)
2. Command and Control Systems (C2SYS)
3. DASC OIC (DOIC)

## 2. DASC OIC (DOIC)

a. Purpose. To develop technical expertise and proficiency in DASC employment, integration into the MACCS and coordination with elements of the MAGTF, and planning for and management of air support operations. At the conclusion of this stage of training individuals will be eligible to be designated by the commanding officer as a Direct Air Support Center (DASC) Officer-in-Charge (OIC).

b. Prerequisite. QUAL-6205

c. Total Training Events. 1 events, 3.0 hours.

DOIC-4200	2.0	(*)	B	L
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Goal. State the procedures and challenges of Phasing Control Ashore.

Requirement. Given a scenario-based TDG, demonstrate the following skills:

1. Define phase control ashore.
2. Explain each step of phase control ashore.
3. Determine common issues of concern.
4. Write a plan to phase control ashore, annotate identified issues of concern.

Performance Standard.

1. Complete requirement items IAW the reference. Instructors will discuss each item with trainee. Written plan must support the scenario.
2. This event could include one to three individuals (including DASC Chiefs) that work together to produce a product that demonstrates an understanding of how to phase control ashore.

Instructor. DASC SAD WTI or DASC Designated OIC

Reference.

1. MCWP 3-25.5, DASC Handbook
2. DASC Pocket Checklist
3. MCPP
4. MAGTF Operations Ashore
5. JP 3-02 Joint Doctrine for Amphibious Operations
6. MCO 3501.9B Marine Corps Combat Readiness Evaluation System

## 3. Familiarization (FAM)

a. Purpose. To facilitate the understanding of DASC operations through the familiarization with and observation of agencies/ organizations external to the DASC involved in aviation operations.

b. General. The familiarization events contained in this phase are intended to complement the MACCS (8000) Stage and the MAGTF (8060) Stage of the ACPM. Each event is to be conducted as a tour of an operational facility under the guidance of a DASC SI or appropriate agency equivalent. Successful completion of the appropriate agency event contained in the ACPM

c. Total Training Events. 4 events, 8 hours

LAAD						
FAM-4660	2.0	(*)	B	1	BTY/PLT/SECT	L

Goal. Observe the configuration and operation of a LAAD Battalion

Requirement. Tour the various configurations of the LAAD Bn at section, platoon and battery level.

Performance Standard. Complete a tour of a LAAD Bn

Prerequisite. ACPM 8006

Instructor. SI.

FAM-4670	2.0	(*)	B	1	MMT	L
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Goal. Observe the configuration and operation of a Marine Air Traffic Control Mobile Team.

Requirement. Tour an operational MMT.

Performance Standard. Complete a tour of an MMT

Prerequisite. ACPM 8005

Instructor. SI.

FAM-4680	2.0	(*)	B	1	SACC	L
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Goal. Observe the configuration and operation of a Supporting Arms Coordination Center

Requirement. Observe a SACC.

Performance Standard. Complete a tour of a SACC.

Prerequisite. ACPM 8001, 8062, 8063, 8065

Instructor. SI.

FAM-4690	2.0	(*)	B	1	TACC/HDC	L
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Goal. Observe the configuration and operation of a Navy Tactical Air Control Center/Helicopter Direction Center

Requirement. Observe an operational TACC/HDC.

Performance Standard. Complete a tour of a TACC/HDC.

Prerequisite. ACPM 8001, 8062, 8063, 8065

Instructor. SI.

4. Command and Control Systems (C2SYS)



a. Purpose. To develop proficiency in utilizing the command and control systems used in DASC operations.

b. Admin Notes. Command and control system events are located in the MAWTS-1 C3 Course Catalog in order to maintain standardized training across the MACCS. The table below lists all C2SYS events that are to be completed by DASC personnel position dependent. See the MAWTS-1 C3 Course Catalog for the events listed in the table below.

c. Total Training Events. 4 events, 10 hours.

EVENT CODE	EVENT NAME	POSITION
C2SYS-4923	Operate CPOF	TAD, HD, SAD, DOIC
C2SYS-4940	Utilize IRC Network	TAD, HD, SAD, DOIC
C2SYS-4941R	Operate Web Development Software	SAD, DOIC
C2SYS-4942	Operate ADSI	TAD, HD, SAD, DOIC

213. INSTRUCTOR UNDER TRAINING (IUT)(5000)

1. Purpose. To provide position qualified personnel the additional skills necessary to instruct, evaluate and recommend for completion / qualification "trainees" within a crew. Upon completion of the required training, an individual may be considered for instructor designation by the Commanding Officer, WTTP Officer, or direct representative as delineated.

2. Administrative Notes

a. The MACCS instructor concept is a means to standardize all instructors across the MACCS in regards to the concepts of managing a WTTP, properly conducting training, performing evaluations, and recommending training plans.

b. There are three instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

(1) Basic Instructor (BI)

(2) Senior Instructor (SI)

(3) Weapons and Tactics Instructor (WTI)

c. The MAWTS-1 C3 Course catalog contains the training requirements for each of the three instructors. The catalog is located at the MAWTS-1 website, <https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>.

d. The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

INSTRUCTOR	Event Training, Evaluation and Approval
BI	Core Skill events in which current and proficient
SI	Core Skill and Mission Skill events
WTI	Mission Skill and Qualification events.

	<ul style="list-style-type: none"><li>- Evaluate and recommend for qualification</li><li>- Endorse recommendations for position designations</li></ul>
	The Commanding Officer is the approving authority for qualifications and designations.

214. REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS PHASE (6000)

1. General

a. Purpose. This phase provides for community standardization of DASC 7208 position, qualifications, combat leadership and instructor designations as well as codes for tracking licenses and other skills. This Manual does not contain "one time" certification training requirements.

b. Admin Notes

(1) The WTPP shall review the IPR to ensure all required training, documentation and administrative actions have been completed prior to staffing qualifications or designation recommendations for approval.

(2) Only once an individual is qualified or designated in writing, the signed letter is filed in the IPR, and all administrative actions are completed, and the event code has been logged in M-SHARP will the qualification or designation be effective.

c. Prerequisite. Per the applicable POI.

2. Certifications. None

3. Qualifications (QUAL).

a. Purpose. To evaluate personnel in the DASC syllabi on their ability to perform as DASC crewmembers. There is no specified time limit on the amount of system time required before performing a qualification event. Once all prerequisites for a qualification have been completed, the trainee has completed is eligible to proceed to the applicable qualifying event.

b. Prerequisite. Completion of the academic modules, Core- , Mission- , and/or Core Plus-skill events required for the position being trained.

c. Admin Notes

(1) During evaluation of the event performance standard, the instructor may provide minimal guidance. However, the instructor should guide and mentor the trainee during the training session and after an event evaluation.

(2) Personnel being recommended for qualification must perform the evaluation event to a proficient level. A proficient level is defined as the ability to efficiently and skillfully correct errors without hesitation and with minimal input from the Instructor.

(3) All DASC qualification events will be evaluated by a SI or WTI. If a squadron does not have a WTI, the unit may either request fleet support

from MAWTS-1 or the commanding officer can assign an SI who is current and proficient in the position being evaluated to serve as the evaluator.

(4) Policy on attaining, maintaining and regaining a qualification is contained in chapter 2 of reference (a).

d. Crew Requirement. Core capable DASC crew.

e. Qualifications

Helicopter Director (HD)  
Tactical Air Director (TAD)  
Senior Air Director (SAD)

QUAL-6200	0.0	(*)	B	E	L
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Goal. Qualification as a Helicopter Director (HD).

Requirement. Complete the required training in the HD POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. Proficiency demonstrated in prerequisites.

Prerequisite. ACAD-2000, 2002, 2003; COMM-2140, 2145; EQUIP-2250; FAM-2600, 2620, 2640, 2650; CTRL-2700, 2705, 2710, 2715, 2720; C2SYS-2900, 2901, 2902, 2910, 2911, 2920, 2921, 2922; HLDR-3000, 3005, 3010, 3015, 3020; ACPM-8000, 8020, 8062.

QUAL-6201	0.0	(*)	B	E	L
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Goal. Qualification as a Tactical Air Director (TAD).

Requirement. Complete the required training in the TAD POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing. .

Performance Standard. Proficiency demonstrated in prerequisites.

Prerequisite. ACAD-2000, 2002, 2003; COMM-2140, 2145; EQUIP-2250; FAM-2600, 2620, 2640, 2650; CTRL-2700, 2705, 2710, 2715, 2720; C2SYS-2900, 2901, 2902, 2910, 2911, 2920, 2921, 2922; TADR-3025, 3030, 3035, 3040, 3045; ACPM-8000, 8020, 8062.

QUAL-6205	2.0	(1095)	B, R	E	L
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Goal. Qualification as Senior Air Director (SAD).

Requirement. Given 20 random questions, with a mix of 10 factual knowledge questions and 10 questions that require explanation of processes, decision making or description.

1. A board will be convened with three members as follows:
  - a. 1 - DASC SAD WTI
  - b. 1 - Qualified DASC SAD
  - c. 1 - DASC Crew Chief WTI

2. The board will request 20 questions from MAWTS-1/C3 department.
3. The board will ask the trainee only the 20 questions provided and shall not deviate from them.

Performance Standard.

1. Answer 8 of 10 factual questions correctly.
2. Answer 8 of 10 processes, decisional, and description questions satisfactorily.
3. Two of three board members must concur trainee met the requirement.

Upon successful completion of this event, the Board will forward the results via the WTTP to the commanding officer who will make the final determination on the qualification it in writing.

Instructor. Three Board members.

Prerequisite. ACAD-2001, 2004; COMM-2160; EQUIP-2210, 2220; FAM-2610, 2630; SADR-2800, 2810, 2815, 2820, 2825, 2830, 2835; C2SYS-2924; SADR-3400, 3405, 3410, 3415, 3420; QUAL-6200, QUAL-6201; ACPM-8040, 8060.

Reference.

1. TM 2000 Series, USMC Communications-Electronics Equipment
2. Harris Quick Reference Pocket Guide for the AN/PRC-117 and AN/PRC-150
3. MCWP 3-25.5 DASC Handbook
4. DASC Pocket Checklist
5. JP 1-02
6. MCWP 3-2, Aviation Operations
7. MCWP 3-25.3, MACCS Handbook
8. MCRP 3-16.6A
9. MCRP 5-12C

3. Designations (DESG)

a. Purpose. To provide for the designation of combat leaders, instructors, and select DASC positions.

b. Prerequisite. Complete all designation requirements and be recommended for that designation. However, in the event that a commander deems it necessary to designate someone who has not completed the prerequisite, that person must complete the prerequisite within 6 months from the effective date of designation.

c. Admin Notes.

(1) The unit WTTP officer shall ensure the following is completed before an individual designation is effective:

(a) All training requirements for the designation are completed prior to being considered for designation.

(b) The trainee is recommended for designation as noted in the designation event, the designation letter is signed by the commanding officer and filed in the IPR, and the designation event code is logged in M-SHARP. The designation is not effective until all actions have been completed.

(2) MACCS Instructor designation events are contained in the MAWTS-1 C3 Course Catalog to ensure standardization across the MACCS.

- c. Crew Requirements. Per the applicable designation syllabus.
- d. Combat Leader Designation. DASC Officer-in-Charge (DASC OIC)

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DESG-6300      0.0      (\*)      B

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Goal. Designation as a DASC OIC.

Requirement. Be recommended for designation by a WTI, and be designated in writing by the commanding officer.

Prerequisite. ACAD-2001; COMM-2140, 2145, 2160; EQUIP-2210, 2220, 2240; DOIC-2500, 2510, 2520, 2530, 2540, 2550, 2560, 2570, 2580; C2SYS-2920, 2921, 2922; DOIC-3500, 3510; QUAL-6205; ACPM 8080.

- e. Instructor Designations
  - Basic Instructor (BI)
  - Senior Instructor (SI)
  - Weapons and Tactics Instructor (WTI)

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DESG-6320      0.0      (\*)      B

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Goal. Designation as Basic Instructor (BI).

Requirement. Be recommended for BI designation by a SI or WTI, and designated in writing by the commanding officer.

Prerequisite. UIT-5000, 5010, 5020

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DESG-6321      0.0      (\*)      B

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Goal. Designation as Senior Instructor (SI).

Requirement. Be recommended for designation by a SI or WTI, and designated in writing by the commanding officer.

Prerequisite. UIT-5100, 5110, 5120, 5130 ; DESG-6320. Complete the M-SHARP formal training provided by the local INNOVASI support personnel.

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DESG-6322      0.0      (\*)      B

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Goal. Designation as Weapons and Tactics Instructor (WTI).

Requirement. Be certified by MAWTS-1 as a WTI and be recommended for designation by the squadron WTI. The commanding officer will designate the WTI in writing.

Prerequisite. SCHL-6000.

- f. Tracking Codes. This code serves to track completion of an RSO course.

TRNG-6470

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Goal. Track completion of Range Safety Officers (RSO) courses.

Requirement. Complete the RSO course.

Performance Standard. Per course POI.

215. TRAINING EVALUATION FORM. See paragraph 208.8 in this chapter. The MACCS Training Form (MTF) is located in the C3 Course Catalog and available online at the MAWTS-1 C-3 website,  
<https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>.

216. T&R SYLLABUS MATRIX. The below matrix summarizes T&R syllabus event information.

AIR SUPPORT CONTROL OFFICER (ASCO) 7208 T&R																				
STAGE	EVENT CODE	EVENT DESCRIPTION	Live Event Count	LIVE HOURS	SIM Event Count	SIM HOURS	REFLY FACTOR	HD	TAD	SAD	OIC	POI	EVAL	DEVICE NUMBER	DEVICE TYPE	DEVICE OPTIONS	CONDITIONS	PREREQ	CHAINING	OLD EVENT CODE CONVERSION
CORE SKILL INTRODUCTION (1000)																				
ASCO	1000	Demonstrate knowledge of MAGTF		4.0		-	*					B	E	-	-	L		-	-	SYS-109E
ASCO	1020	How MAW supports MAGTF		4.0		-	*					B	E	-	-	L		-	-	SYS-109E
ASCO	1040	Offensive Air Support		4.0		-	*					B	E	-	-	L		-	-	SYS-109E
ASCO	1060	Assault Support		4.0		-	*					B	E	-	-	L		-	-	SYS-109E
ASCO	1080	Aerial Reconnaissance		2.0		-	*					B	E	-	-	L		-	-	SYS-109E
ASCO	1100	Anti-Air Warfare		2.0		-	*					B	E	-	-	L		-	-	SYS-109E
ASCO	1120	Electronic Warfare		2.0		-	*					B	E	-	-	L		-	-	SYS-109E
ASCO	1140	Control of Aircraft and Missiles		8.0		-	*					B	E	-	-	L		-	-	SYS-109E
ASCO	1160	Threats to the MAGTF		8.0		-	*					B	E	-	-	L		-	-	SYS-109E
ASCO	1180	Operations Documents		2.0		-	*					B	E	-	-	L		-	-	SYS-109E
ASCO	1200	Information Management		2.0		-	*					B	E	-	-	L		-	-	SYS-100E
ASCO	1220	Operate Air Support Comm Equipment		8.0		-	*					B	E	1	AN/MRQ-12 & AN/UYQ-3B	L		-	-	SYS-100E
ASCO	1240	Conduct DASC Operations		40.0		-	*					B	E	1	AN/MRQ-12	L		-	-	SYS-100E
ASCO	1260	Plot Air Support Information		2.0		-	*					B	E	-	-	L		-	-	SYS-102E
ASCO	1280	Receive/Process Immediate Air Support Requests		2.0		-	*					B	E	-	-	L		-	-	SYS-103E
ASCO	1300	Perform as TAD		5.00		-	*					B	E	1	DASC	L		-	-	SYS-105E
ASCO	1320	Perform as HD		5.00		-	*					B	E	1	DASC	L		-	-	SYS-105E
ASCO	1340	AFATDS		2.0		-	*					B	-	1	AFATDS	L		-	-	SYS-106
ASCO	1360	TBMCS		4.0		-	*					B	-	1	TBMCS	L		-	-	SYS-107E
ASCO	1380	C2PC		2.0		-	*					B	-	1	C2PC	L		-	-	SYS-108
			18	112.00	0	0.00														
CORE SKILL (2000)																				
Academics (ACAD)																				
ACAD	2000	Knowledge of DASC Crew Positions		0.5		-	*	B	B			B	-	-	-	L		8003	-	CTRL-208E
ACAD	2001	Storage and Handling of Classified		0.5		-	*			B	B	B	-	-	-	L		-	-	CTRL-208E

		Material																	
ACAD	2002	Understand ACMs/FSCMs		0.5		-	*	B	B			B	-	-	-	L		-	CTRL-208E
ACAD	2003	Weather Reports and Impacts on Aviation		0.5		-	*	B	B			B	-	-	-	L		-	CTRL-208E
ACAD	2004	Characteristics of Aviation Ordnance		0.5		-	*			B		B	-	-	-	L		-	CTRL-208E
			<b>5</b>	<b>2.50</b>	<b>0</b>	<b>0.00</b>													
<b>Communications (COMM)</b>																			
COMM	2140	Describe the caps/lms of the VHF/UHF/Satcom Radio		0.5		-	*	B	B		B	B	-	-	-	L		-	CTRL-206E
COMM	2145	Describe the caps/lms of the HF/VHF Radio		0.5		-	*	B	B		B	B	-	-	-	L		-	CTRL-206E
COMM	2160	Identify Communications Problems		2.0		-	*			B	B	B		1	DASC			6200, 6201	CTRL-206E
			<b>3</b>	<b>3.00</b>	<b>0</b>	<b>0.00</b>													
<b>Equipment (EQUIP)</b>																			
EQUIP	2210	Characteristics, Caps, Lims of AN/MRQ-12		1.5		-	*			B	B	B	-	1	AN/MRQ-12	L		2140, 2145	CTRL-206E
EQUIP	2220	Characteristics, Caps, Lims of AN/UYQ-3B		1.0		-	*			B	B	B	-	-	-	L		-	CTRL-206E
EQUIP	2240	Characteristics, Caps, Lims of MT/UT Equipment		0.5		-	*				B	B	-	-	-	L		-	CTRL-207E
EQUIP	2250	Characteristics, Caps, Lims of MRC Vehicles		1.0		-	*	B	B				-	-	-	L		2140, 2145	CTRL-206E
			<b>4</b>	<b>4.00</b>	<b>0</b>	<b>0.00</b>													
<b>DASC Officer-in-Charge (DOIC)</b>																			
DOIC	2500	Create/Execute DASC Drill		80.00		-	*				B	B	-	-	-	L		8000, 8020, 8040	SAD-304E
DOIC	2510	Conduct a DASC Site Selection/Map Survey		1.50		-	*				B	B	-	-	-	L		6200, 6201, 8000, 8020, 8040	SAD-305E
DOIC	2520	Procedures/Challenges of DASC Displacement Ops		1.50		-	*				B	B	-	-	-	L		6200, 6201, 8000, 8020, 8040	SAD-316Q
DOIC	2530	Determine Comm Assets to Support DASC Mission		2.00		-	*				B	B	-	-	-	L		6200, 6201, 8000, 8020, 8040	SAD-305E
DOIC	2540	Determine DASC Crew & Support Equip Requirement		2.00		-	*				B	B	-	-	-	L		6205, 8000, 8020, 8040	SAD-306E
DOIC	2550	Build EDL and Packing List		2.00		-	*				B	B	-	-	-	L		-	SAD-306E
DOIC	2560	Write a BOM Request		2.00		-	*				B	B	-	-	-	L		-	SAD-306E
DOIC	2570	Verify DASC equipment is packed for embark		1.00		-	*				B	B	-	-	-	L		-	SAD-306E
DOIC	2580	Physical Security Requirements		1.00		-	*				B	B	-	-	-	L		-	SAD-306E
			<b>9</b>	<b>93.00</b>	<b>0</b>	<b>0.00</b>													
<b>Familiarization (FAM)</b>																			
FAM	2600	Observe a TACP		2.0		-	*	B	B			B	-	1	TACP	L		8001, 8003, 8023	CTRL-200
FAM	2610	Observe a TACC Current Ops		2.0		-	*			B		B	-	1	TACC	L		8001, 8002, 8003	SAD-300
FAM	2620	Observe VMU UAS GCS		2.0		-	*	B	B			B	-	1	GCS	L		8001, 8003, 8007	CTRL-204
FAM	2630	Observe an FSCC		2.0		-	*			B		B	-	1	FSCC	L		8001, 8003, 8062	SAD-302



FAM	2640	Observe a TAOC or EW/C		2.00		-	*	B	B			B	-	1	TAOC or EW/C	L		-	-	CTRL-201
FAM	2650	Observe an ATC Facility		2.00		-	*	B	B			B	-	1	ATC Facility	L		-	-	CTRL-202
			6	12.00	0	0.00														
<b>Control (CTRL)</b>																				
CTRL	2700	Extract information from ATO, ACO, SPINS		2.00		-	*	B	B			B	-			L		8000, 8020	-	TAD-211, HD-209
CTRL	2705	Control in NBC Gear		4.00		-	365	B,R	B,R			B,R	-	1	DASC	L		-	-	CTRL-205
CTRL	2710	Level 1 Control F/W or R/W		4.00		-	*	B	B			B	-	1	DASC	L		2700	-	TAD-211, HD-209
CTRL	2715	Level 2 Control F/W or R/W		4.00		-	*	B	B			B	-	1	DASC	L		2710	-	TAD-211, HD-209
CTRL	2720	Level 3 Control F/W or R/W		4.00		-	7300	B,R	B,R			B	E	1	DASC	L		2715	-	TAD-211, HD-209
			5	18.00	0	0.00														
<b>Senior Air Director (SAD)</b>																				
SADR	2800	SAD in NBC Gear		4.00		-	*			B		B	-	1	DASC	L		6200, 6201	-	SAD-303
SADR	2810	SAD During Passage of Control		8.00		-	7300			B,R		B,R	-	2	DASC	L		6200, 6201, 8063, 8064	-	SAD-309ER
SADR	2815	SAD in DASC(A)		4.00		-	*			B		B	-	1	AN/UYQ-3B	L		6200, 6201	-	SAD-308E
SADR	2820	Introduce the duties of SAD		1.00		-	*			B		B	E	1	DASC	L		2210, 6200, 6201	-	SAD-309ER
SADR	2825	Match A/C with Request		1.00		-	*			B		B	-	1	DASC	L		6200, 6201	-	SAD-309ER
SADR	2830	Assign nets and priorities		1.00		-	*			B		B	-	1	DASC	L		6200, 6201	-	SAD-309ER
SADR	2835	Extract critical information		1.00		-	*			B		B	-	1	DASC	L		6200, 6201	-	SAD-309ER
			7	20.00	0	0.00														
<b>Command and Control Systems (C2SYS)</b>																				
C2SYS	2900	Set-up profile on TBMCS Client		1.0		-	182	B,R	B,R			B,R	-	1	TBMCS	L		-	-	SYS-107E
C2SYS	2901	Access TBMCS online Master Help Index		1.0		-	182	B,R	B,R			B,R	-	1	TBMCS	L		2900	-	SYS-107E
C2SYS	2902	TBMCS Alert Service		1.5		-	182	B,R	B,R			B,R	-	1	TBMCS	L		2900, 2901	-	SYS-107E
C2SYS	2910	ESTAT		2.0		-	182	B,R	B,R			B,R	-	1	TBMCS	L		2900, 2901, 2902	-	SYS-107E
C2SYS	2911	WARP		4.0		-	182	B,R	B,R			B,R	-	1	TBMCS	L		2900, 2901, 2902	-	SYS-107E
C2SYS	2920	AFATDS		4.0		-	182	B,R	B,R		B,R	B,R	-	1	AFATDS	L		-	-	SYS-106
C2SYS	2921	C2PC		4.0		-	182	B,R	B,R		B,R	B,R	-	1	C2PC	L		-	-	SYS-108
C2SYS	2922	Operate FBCB2		4.00		-	182	B,R	B,R		B,R	B	-	1	FBCB2	L		-	-	SYS-100E
C2SYS	2924	Operate JADOCS		4.00		-	182			B,R		B	-	1	JADOCS	L		6200, 6201	-	SYS-100E
			9	25.50	0	0.00														
<b>CORE SKILL TOTALS</b>																				
			48	178.00	0	0.00														
<b>MISSION SKILLS (3000)</b>																				

Helicopter Director (HLDR)																			
HLDR	3000	Perform HD Level 1 Op Tempo		4.00		-	*	B			B	-	1	DASC	L		2710	-	HD-210Q
HLDR	3005	Perform HD Level 2 Op Tempo		4.00		-	*	B			B	-	1	DASC	L		3000	-	HD-210Q
HLDR	3010	Perform HD Level 3 Op Tempo		4.00		-	*	B			B	-	1	DASC	L		3005	2720R	HD-210Q
HLDR	3015	Perform HD Level 4 Op Tempo		4.00		-	1460	B,R			B,R	E	1	DASC	L		3010	-	HD-210Q
HLDR	3020	Perform HD Level 5 Op Tempo		4.00		-	1095	B,R			B,R	E	1	DASC	L		3015	3015R	HD-210Q
			5	20.00	0	0.00													
Tactical Air Director (TADR)																			
TADR	3025	Perform TAD Level 1 Op Tempo		4.00		-	*		B		B	-	1	DASC	L		2710	-	TAD-212Q
TADR	3030	Perform TAD Level 2 Op Tempo		4.00		-	*		B		B	-	1	DASC	L		3025	-	TAD-212Q
TADR	3035	Perform TAD Level 3 Op Tempo		4.00		-	*		B		B	-	1	DASC	L		3030	2720R	TAD-212Q
TADR	3040	Perform TAD Level 4 Op Tempo		4.00		-	1460		B,R		B,R	E	1	DASC	L		3035	-	TAD-212Q
TADR	3045	Perform TAD Level 5 Op Tempo		4.00		-	1095		B,R		B,R	E	1	DASC	L		3040	3040R	TAD-212Q
			5	20.00	0	0.00													
Senior Air Director (SADR)																			
SADR	3400	Perform SAD Level 1 Op Tempo		4.00		-	*		B		B	-	1	DASC	L		2820, 2825, 2830, 2835, 6200, 6201	-	SAD-316Q
SADR	3405	Perform SAD Level 2 Op Tempo		4.00		-	*		B		B	-	1	DASC	L		3400	-	SAD-316Q
SADR	3410	Perform SAD Level 3 Op Tempo		4.00		-	*		B		B	-	1	DASC	L		3405	-	SAD-316Q
SADR	3415	Perform SAD Level 4 Op Tempo		4.00		-	1460		B,R		B,R	E	1	DASC	L		3410	-	SAD-316Q
SADR	3420	Perform SAD Level 5 Op Tempo		4.00		-	1095		B,R		B,R	E	1	DASC	L		3415	3415R	SAD-316Q
			5	20.00	0	0.00													
DASC Officer-in-Charge (DOIC)																			
DOIC	3500	Conduct duties of an ASE/ASLT OIC		12.00		-	*			B	B	-	1	ASE/ASLT			2000, 2001, 2140, 2145, 2250, 2510, 2530, 2540, 2550, 2560, 2570, 2580, 6200, 6201, 8000, 8020, 8040, 8060	-	SAD-306E/307E
DOIC	3510	Conduct duties of a DASC OIC		8.00		-	7300		B,R	B,R	-	1	DASC				2510, 2530, 2540, 2550, 2560, 2570, 2580, 3500, 6205	-	SAD-306E
			2	20.00	0	0.00													
MISSION SKILLS TOTALS																			
			17	80.00	0	0.00													
CORE PLUS SKILLS (4000)																			
DASC Officer-in-Charge (DOIC)																			
DOIC	4200	Phasing Control Ashore		2.00		-	*		B	B	-	1	ASE/DASC				-	-	DSWO-406E
			1	2.00	0	0.00													

Familiarization (FAM)																					
FAM	4660	LAAD		2.0		-	*			B		B	-	1	LAAD	L		8006	-	CTRL-203	
FAM	4670	MMT		2.0		-	*	B	B			B	-	1	MMT	L		8005	-	CTRL-202	
FAM	4680	SACC		2.0		-	*				B	B	-	1	SACC	L		8001, 8062, 8063, 8065	-		
FAM	4690	NTAC / HDC		2.0		-	*				B	B	-	1	NTAC/HDC	L		8001, 8062, 8063, 8065	-		
			4	8.00	0	0.00															
Command and Control Systems (C2SYS)																					
C2SYS	4923	Operate CPOF		4.00		-	182	B,R	B,R	B,R	B,R	B,R	-	1	CPOF	L		-	-	-	
C2SYS	4940	Setup & Establish IRC		1.00		-	182	B,R	B,R	B,R	B,R	B,R	-	1	IRC Software	L		-	-	-	
C2SYS	4941	Operate Web Development Software		4.00		-	182			B,R	B,R	B,R	-	1	Laptop	L		-	-	-	
C2SYS	4942	Operate ADSI		1.00		-	182	B,R	B,R	B,R	B,R	B,R	-	1	ADSI	L		-	-	-	
			4	10.00	0	0.00															
CORE PLUS TOTALS																					
			9	20.00	0	0.00															
INSTRUCTOR (5000)																					
BASIC INSTRUCTOR (BI)																					
IUT	5000	Principles of Instruction		2.00		-	*					B	-	-	-	L		Recommended by SI or WTI	-	-	
IUT	5010	Event Structure		1.00		-	*					B	-	-	-	L		Recommended by SI or WTI	-	-	
IUT	5020	Period of Instruction		2.00		-	*					B	-	-	-	L		Recommended by SI or WTI	-	-	
			3	5.00	0	0.00															
SENIOR INSTRUCTOR (SI)																					
IUT	5100	Understand T&R Program		2.00		-	*					B	-	-	-	L		5000, 5010, 5020, 6320	-	-	
IUT	5110	Understand Applicable Community T&R		2.00		-	*					B	-	-	-	L		5000, 5010, 5020, 6320	-	-	
IUT	5120	Understand T&R Admin		2.00		-	*					B	-	-	-	L		5000, 5010, 5020, 6320	-	-	
IUT	5130	Develop Training Plan		2.00		-	365					B,R	-	-	-	L		5000, 5010, 5020, 6320	-	-	
			4	8.00	0	0.0															
REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, DESIGNATIONS (RQD) & TRACKING CODES																					
RQD (EXTERNAL) ACADEMICS (6000 - 6099)																					
SCHL	6000	Weapons and Tactics Instructor (WTI) Course		-		-	*					-	-	-	-	-		6205	-	-	
SCHL	6001	Senior Watch Officer (SWO) Course		-		-	*					-	-	-	-	-		-	-	-	
SCHL	6002	Air Command and Control Officer Course (ACCOC)		-		-	*					-	-	-	-	-		-	-	-	
SCHL	6003	ACE Battlestaff Officer Course (ABOC)		-		-	*					-	-	-	-	-		-	-	-	

SCHL	6010	505th Training Sqdn Airspace Course		-		-	*				-	-	-	-	-		-	-	-
SCHL	6011	505th Training Sqdn Personnel Recovery Course		-		-	*				-	-	-	-	-		-	-	-
SCHL	6012	Plans/Ops Technician Course		-		-	*				-	-	-	-	-		-	-	-
SCHL	6015	JAOC2C Airspace Course		-		-	*				-	-	-	-	-		-	-	-
SCHL	6016	Joint Air Operations Senior Staff Course		-		-	*				-	-	-	-	-		-	-	-
SCHL	6020	Link 16 Interoperability Course (JT-101)		-		-	*				-	-	-	-	-		-	-	-
SCHL	6021	MAJIC (JT-102)		-		-	*				-	-	-	-	-		-	-	-
SCHL	6022	USMTF Course (JT-105)		-		-	*				-	-	-	-	-		-	-	-
SCHL	6025	USMTF Manager Course		-		-	*				-	-	-	-	-		-	-	-
SCHL	6067	Military Airspace Management Course		-		-	*				-	-	-	-	-		-	-	-
SCHL	6070	Unit Operations Specialist (C2PC)		-		-	*				-	-	-	-	-		-	-	-
SCHL	6071	Information Operations Fundamentals		-		-	*				-	-	-	-	-		-	-	-
SCHL	6072	Advanced Field Artillery Tactical Data System		-		-	*				-	-	-	-	-		-	-	-
			17	0.00	0	0.00													
CERTIFICATIONS (6100 - 6199)																			
QUALIFICATIONS (6200 - 6299)																			
QUAL	6200	Qual as HD		-		-	*				B	-	-	-	-		2000, 2002, 2003, 2140, 2145, 2250, 2600, 2620, 2640, 2650, 2700, 2705, 2710, 2715, 2720, 2900, 2901, 2902, 2910, 2911, 2920, 2921, 2922, 3000, 3005, 3010, 3015, 3020, 8000, 8020, 8062.	-	HD-210Q
QUAL	6201	Qual as TAD		-		-	*				B	-	-	-	-		2000, 2002, 2003, 2140, 2145, 2250, 2600, 2620, 2640, 2650, 2700, 2705, 2710, 2715, 2720, 2900, 2901, 2902, 2910, 2911, 2920, 2921, 2922, 3025, 3030, 3035, 3040, 3045, 8000, 8020, 8062.	-	TAD-212Q

QUAL	6205	Qual as SAD		2.00	-	1095						B,R	E	-	-	-	2001, 2004, 2160, 2210, 2220, 2610, 2630, 2800, 2810, 2815, 2820, 2825, 2830, 2835, 2924, 3400, 3405, 3410, 3415, 3420, 6200, 6201, 8040, 8060.	-	SAD-316Q
			3	2.00	0	0.00													
DESIGNATIONS (6300 - 6399)																			
DESG	6300	DASC OIC		-	-	*						B	-	-	-	-	2001, 2140, 2145, 2160, 2210, 2220, 2240, 2500, 2510, 2520, 2530, 2540, 2550, 2560, 2570, 2580, 2920, 2921, 2922, 3500, 3510, 6205, 8080	-	-
DESG	6320	Basic Instructor		-	-	*						B	-	-	-	-	5000, 5010, 5020	-	-
DESG	6321	Senior Instructor		-	-	*						B	-	-	-	-	5100, 5110, 5120, 5130, 6320	-	-
DESG	6322	WTI		-	-	*						B	-	-	-	-	6000	-	QUAL-618
			4	0.00	0	0.00													
TRACKING CODES (6400 - 6499)																			
OPS	6470	Completion of RSO course				*													
AVIATION CAREER PROGRESSION MODEL (ACPM) (8000)																			
ACPM																			
ACPM	8000	MACCS			-	*	B	B				B	-	-	-	-	8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-
ACPM	8001	MACCS		1	-	*	B	B				B	-	-	-	-	-	-	A-02
ACPM	8002	TACC		1	-	*	B	B				B	-	-	-	-	-	-	B-07
ACPM	8003	DASC		1	-	*	B	B				B	-	-	-	-	-	-	B-09
ACPM	8004	TAOC		1	-	*	B	B				B	-	-	-	-	-	-	B-08
ACPM	8005	MATC		1	-	*	B	B				B	-	-	-	-	-	-	B-10
ACPM	8006	LAAD		1	-	*	B	B				B	-	-	-	-	-	-	B-12
ACPM	8007	UAS ISO THE MAGTF		1	-	*	B	B				B	-	-	-	-	-	-	B-14, B-21
ACPM	8008	MWCS		1	-	*	B	B				B	-	-	-	-	-	-	B-13
ACPM	8020	ACE			-	*	B	B				B	-	-	-	-	8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028	-	-
ACPM	8021	AVIATION OPERATIONS		1	-	*	B	B				B	-	-	-	-	-	-	-
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES		1	-	*	B	B				B	-	-	-	-	-	-	A-03
ACPM	8023	OFFENSIVE AIR SUPPORT		1	-	*	B	B				B	-	-	-	-	-	-	A-04

ACPM	8024	ASSAULT SUPPORT		1		-	*	B	B			B	-	-	-	-		-	-	A-05
ACPM	8025	AERIAL RECONNAISSANCE		1		-	*	B	B			B	-	-	-	-		-	-	A-07
ACPM	8026	ELECTRONIC WARFARE		1		-	*	B	B			B	-	-	-	-		-	-	A-06
ACPM	8027	ANTI-AIR WARFARE		1		-	*	B	B			B	-	-	-	-		-	-	A-08, T-01
ACPM	8028	AVIATION GROUND SUPPORT		1		-	*	B	B			B	-	-	-	-		-	-	-
<b>ACPM</b>	<b>8040</b>	<b>THREAT</b>				-	*			B		B	-	-	-	-		8041, 8042, 8043, 8044, 8045	-	-
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF		1		-	*			B		B	-	-	-	-		-	-	-
ACPM	8042	FIXED WING THREAT TO THE MAGTF		1		-	*			B		B	-	-	-	-		-	-	B-02
ACPM	8043	ROTARY WING THREAT TO THE MAGTF		1		-	*			B		B	-	-	-	-		-	-	B-03
ACPM	8044	MISSILE & UAS THREAT TO THE MAGTF		1		-	*			B		B	-	-	-	-		-	-	B-01
ACPM	8045	REC THREAT TO THE MAGTF		1		-	*			B		B	-	-	-	-		-	-	B-04
<b>ACPM</b>	<b>8060</b>	<b>MAGTF</b>				-	*			B		B	-	-	-	-		8061, 8062, 8063, 8064, 8065	-	-
ACPM	8061	GROUND COMBAT OPERATIONS		1		-	*			B		B	-	-	-	-		-	-	A-01
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE		1		-	*	B	B	B		B	-	-	-	-		-	-	-
ACPM	8063	MAGTF C2		1		-	*			B		B	-	-	-	-		-	-	-
ACPM	8064	MAGTF COMM		1		-	*			B		B	-	-	-	-		-	-	-
ACPM	8065	PHASING CONTROL ASHORE		1		-	*			B		B	-	-	-	-		-	-	B-17, C-13
<b>ACPM</b>	<b>8080</b>	<b>JOINT AIR OPERATIONS</b>				-	*				B	B	-	-	-	-		8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-
ACPM	8081	C2 OF JOINT AIR OPERATIONS		1		-	*				B	B	-	-	-	-		-	-	C-02, T-58
ACPM	8082	TAGS		1		-	*				B	B	-	-	-	-		-	-	T-54
ACPM	8083	JOINT FIRE SUPPORT		1		-	*				B	B	-	-	-	-		-	-	-
ACPM	8084	CAS		1		-	*				B	B	-	-	-	-		-	-	-
ACPM	8085	JOINT TARGETING		1		-	*				B	B	-	-	-	-		-	-	-
ACPM	8086	NATO		1		-	*				B	B	-	-	-	-		-	-	-
ACPM	8087	JOINT AIRSPACE CONTROL		1		-	*				B	B	-	-	-	-		-	-	B-18, T-04
ACPM	8088	COUNTERING AIR & MISSILE THREATS		1		-	*				B	B	-	-	-	-		-	-	C-03
<b>ACPM TOTALS</b>			<b>39</b>	<b>34.0</b>	<b>0</b>	<b>0.0</b>														

CHAPTER 3

AIR SUPPORT OPERATIONS OPERATOR (ASOO) MOS 7242  
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

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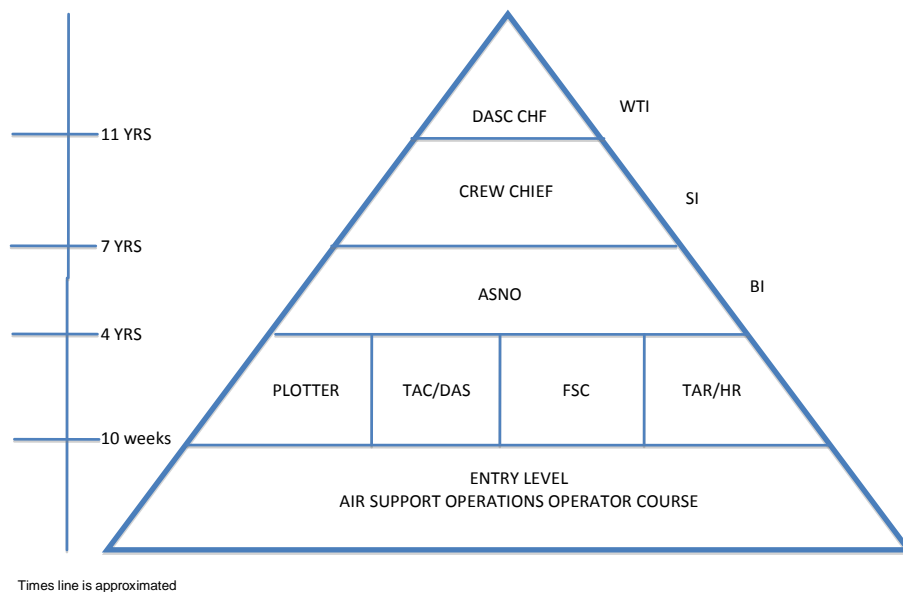
## CHAPTER 3

### AIR SUPPORT OPERATIONS OPERATOR (ASOO) MOS 7242 INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

300. ASOO INDIVIDUAL TRAINING AND READINESS REQUIREMENTS. This T&R Syllabus is based on specific goals and performance standards designed to ensure individual proficiency in Core and Mission Skills. The goal of this chapter is to develop individual and unit warfighting capabilities.

301. ASOO TRAINING PROGRESSION MODEL. This model represents the recommended training progression for the average 7242 crew member. Units should use the model as a point of departure to generate individual training plans.

## 7242 Career Progression



### 302. INDIVIDUAL CORE SKILL PROFICIENCY (CSP) REQUIREMENTS

1. Core Skill training consists of 2000-phase events that develop fundamental skills which crew members can train to individually. The attainment of these basic skills provide the trainee with essential "building block" skill sets required to proceed to more advanced Mission Skill training. Core Skills directly support the unit Mission Essential Task List (METL).

2. A Core Skill Proficient (CSP) crew consists of individuals representing each crew position who have achieved and currently maintain individual CSP. In order to be considered proficient in a Core Skill, an individual must attain and maintain proficiency in Core Skill events as delineated in the below paragraphs.

3. Events Required to Attain and Maintain Individual CSP. To initially attain CSP in a Core Skill, an individual must simultaneously have a proficient status in all 2000 phase T&R events listed for that Core Skill.

Individual Core Skill Proficiency (CSP) Attain Table							
MOS	PLOT	TRHR	TCDS	FSC	ASNO	CC	DCHF
<b>Air Support Operations Operator (ASOO) (7242)</b>	ACAD-2000	ACAD-2000	ACAD-2000	ACAD-2000	COMM-2120	ACAD-2001	DC-2500
	ACAD-2002	COMM-2110	ACAD-2002	ACAD-2002	COMM-2130	ACAD-2004	DC-2510
	PLOT-2300R	TRHR-2315R	ACAD-2003	COMM-2110	COMM-2140	COMM-2160	DC-2520
	PLOT-2305	C2SYS-2900R	COMM-2110	FSC-2335R	COMM-2145	EQUIP-2210	DC-2530
	C2SYS-2900R	C2SYS-2901R	PLOT-2305	FSC-2340	COMM-2155	CC-2400R	DC-2540
	C2SYS-2901R	C2SYS-2902R	TCDS-2325R	C2SYS-2920R	EQUIP-2220	CC-2410	DC-2550
	C2SYS-2902R	C2SYS-2911R	C2SYS-2900R	C2SYS-2940R	EQUIP-2230	CC-2420	DC-2560
	C2SYS-2903R	C2SYS-2940R	C2SYS-2901R	ACPM-8001	EQUIP-2240	CC-2430	DC-2565
	C2SYS-2904R	ACPM-8001	C2SYS-2902R	ACPM-8002	EQUIP-2250	CC-2440R	DC-2570
	C2SYS-2910R	ACPM-8003	C2SYS-2905R	ACPM-8003	EQUIP-2260	CC-2450	DC-2575
	C2SYS-2913R		C2SYS-2909R	ACPM-8062	ASNO-2350R	C2SYS-2909R	DC-2580
	C2SYS-2921R		C2SYS-2910R		FAM-2600	C2SYS-2940R	ACPM-8080
	ACPM-8001		C2SYS-2911R		FAM-2610	ACPM-8040	
	ACPM-8003		C2SYS-2940R		FAM-2620	ACPM-8060	
			ACPM-8001		FAM-2630		
			ACPM-8002		ACPM-8000		
			ACPM-8003		ACPM-8020		

4. Events Required to Maintain Individual CSP. To maintain CSP in a Core Skill, an individual must maintain proficiency in all 2000 phase T&R events listed for that Core Skill:

MOS	PLOT	TRHR	TCDS	FSC	ASNO	CC
<b>Air Support Operations Operator (ASOO) (7242)</b>	PLOT-2300R	TRHR-2315R	TCDS-2325R	FSC-2335R	ASNO-2350R	CC-2400R
	C2SYS-2900R	C2SYS-2900R	C2SYS-2900R	C2SYS-2920R		C2SYS-2909R
	C2SYS-2901R	C2SYS-2901R	C2SYS-2901R	C2SYS-2940R		C2SYS-2940R
	C2SYS-2902R	C2SYS-2902R	C2SYS-2902R			
	C2SYS-2903R	C2SYS-2911R	C2SYS-2905R			
	C2SYS-2904R	C2SYS-2940R	C2SYS-2909R			
	C2SYS-2910R		C2SYS-2910R			
	C2SYS-2913R		C2SYS-2911R			
	C2SYS-2921R		C2SYS-2940R			

### 303. INDIVIDUAL MISSION SKILL PROFICIENCY (MSP) REQUIREMENTS

1. Mission Skill training consists of 3000-phase events that develop an individual's ability to operate as part of a DASC crew. These skills are essential to the accomplishment of unit mission essential tasks (METs). The completion of these tasks ensures the trainee is trained to directly support the unit METs.

2. A Mission Skill Proficient (MSP) crew consists of individuals representing each crew position who have achieved and maintain individual MSP. To be considered proficient in a Mission Skill, an individual must

attain and maintain proficiency in Mission Skill events as delineated in the below paragraphs.

3. Events Required to Attain Individual MSP. To initially attain MSP in a Mission Skill, an individual must simultaneously have a proficient status in all 3000 phase T&R events listed for that Mission Skill.

Individual Mission Skill Proficiency (MSP) Attain Table		
ASOO (7242) Crew Positions	DASC	DASC(A)
PLOT	PLOT-3000	PLOT-3000
	PLOT-3005	PLOT-3005
	PLOT-3010	PLOT-3010
	PLOT-3015	PLOT-3015
	PLOT-3020R	PLOT-3020R
TRHR	TRHR-3025	TRHR-3025
	TRHR-3030	TRHR-3030
	TRHR-3035	TRHR-3035
	TRHR-3040	TRHR-3040
	TRHR-3045R	TRHR-3045R
TCDS	TCDS-3050	TCDS-3050
	TCDS-3055	TCDS-3055
	TCDS-3060	TCDS-3060
	TCDS-3065	TCDS-3065
	TCDS-3070R	TCDS-3070R
FSC	FSC-3075	FSC-3075
	FSC-3080	FSC-3080
	FSC-3085	FSC-3085
	FSC-3090	FSC-3090
	FSC-3095R	FSC-3095R
ASNO	PLOT-3020R	PLOT-3020R
	TRHR-3045R	TRHR-3045R
	TCDS-3070R	TCDS-3070R
	FSC-3095R	FSC-3095R
	ACPM-8000	ACPM-8000
CC	CC-3100	CC-3100
	CC-3105	CC-3105
	CC-3115	CC-3115
	CC-3120R	CC-3120R
DCHF	DC-3200R	DC-3200R

4. Events Required to Maintain Individual MSP. To maintain MSP in a Mission Skill, an individual must maintain proficiency in all 3000 phase T&R events listed for that Mission Skill:

Individual Mission Skill Proficiency (MSP) Maintain Table		
ASOO (7242) Crew Positions	DASC	DASC(A)
PLOT	PLOT-3020R	PLOT-3020R
TRHR	TRHR-3045R	TRHR-3045R
TCDS	TCDS-3070R	TCDS-3070R

FSC	FSC-3095R	FSC-3095R
CC	CC-3120R	CC-3120R
DCHF	DC-3200R	DC-3200R

304. INDIVIDUAL CORE PLUS SKILL PROFICIENCY REQUIREMENTS.

1. Proficiency in Core Plus Skills is not required to obtain unit CSP. Core Plus training consists of 4000-phase events. This phase contains training standards applicable to large-scale integrated missions, unique mission areas, geographic specific training, or mission areas having a low probability of execution. Although Core Plus training events may provide valuable training opportunities, they do not affect the unit CSP.

2. Events Required to Attain Individual Proficiency in Core Plus Skills. Proficiency in Core Plus Skills is not required to obtain unit CSP. Training to Core Plus Skills is at the discretion of the unit commanding officer. To initially attain proficiency in a Core Plus Skill, an individual must simultaneously have a proficient status in all T&R events listed for that Core Plus Skill.

Individual Core Plus Skill Proficiency Attain Table				
MOS	HD	TAD	C2SYS	FAM
Air Support Operations Operator (ASOO) (7242)	CTRL-4010	CTRL-4010	C2SYS-4923	FAM-4400
	CTRL-4020	CTRL-4020	C2SYS-4942	FAM-4410
	CTRL-4030	CTRL-4030		FAM-4420
	CTRL-4040	CTRL-4040		FAM-4430
	HLDR-4100	TADR-4200		
	HLDR-4110	TADR-4210		
	HLDR-4120	TADR-4220		
	HLDR-4130R	TADR-4230R		
	HLDR-4140R	TADR-4240R		

3. Events Required to Maintain Individual Proficiency in Core Plus Skills. To maintain proficiency in a Core Plus Skill, an individual must maintain proficiency in all T&R events listed in the table below for that Core Plus Skill:

Individual Core Plus Skill Proficiency Maintain Table		
MOS	HD	TAD
Air Support Operations Operator (ASOO) (7242)	HLDR-4130R	TADR-4230R
	HLDR-4140R	TADR-4240R

305. CERTIFICATION, QUALIFICATION AND DESIGNATION. The tables below delineate T&R events required to attain proficiency required for qualifications or designations. In addition to event requirements, all required stage prerequisites and other criteria shall be completed prior to completing final events. Qualification and designation letters signed by the commanding officer shall be placed in Individual Performance Records (IPR).

Policy on qualifications and designations is contained in paragraph 215 of the reference. This syllabus does not contain "one time" certification training.

INDIVIDUAL QUALIFICATION REQUIREMENTS		
Qualification	Event	Event Requirements
PLOT	QUAL-6200	ACAD-2000, 2002; PLOT-2300R, 2305; C2SYS-2900R, 2901R, 2902R, 2903R, 2904R, 2910R, 2913R, 2921R, 3000, 3005, 3010, 3015, 3020R; ACPM-8001, 8003
TRHR	QUAL-6201	ACAD-2000; COMM-2110; TRHR-2315R, 3025, 3030, 3035, 3040, 3045R; C2SYS-2900R, 2901R, 2902R, 2911R, 2940R; ACPM-8000, 8001, 8003
TCDS	QUAL-6202	ACAD-2000, 2002, 2003; COMM-2110; PLOT-2305; TCDS-2325R, 3050, 3055, 3060, 3065, 3070R; C2SYS-2900R, 2901R, 2902R, 2905R, 2909R, 2910R, 2911R, 2940R; ACPM-8001, 8002, 8003
FSC	QUAL-6203	PLOT-3020; TRHR-3045; TCDS-3070; FSC-3095; COMM-2120, 2130, 2140, 2145, 2155; EQUIP-2220, 2230, 2250, 2260; ASNO-2350, ACPM 8000, 8020, 8062, 8063
ASNO	QUAL-6204	PLOT-3020; TRHR-3045; TCDS-3070; FSC-3095; COMM-2120, 2130, 2140, 2145, 2155; EQUIP-2220, 2230, 2250, 2260; ASNO-2350, ACPM 8000, 8020, 8062, 8063
CC	QUAL-6205R	QUAL-6204; ACAD-2001; EQUIP-2210, 2240; CC-2400, 2440; CC-3120; ACPM-8040, 8060.
HD	QUAL-6210	QUAL-6204; CTRL-4040; HLDR-4140
TAD	QUAL-6211	QUAL-6204; CTRL-4040; TADR-4240

INDIVIDUAL DESIGNATION REQUIREMENTS		
Designation	Event	Event Requirements
DASC Chief (DCHF)	DESG-6300	QUAL-6070, DCHF-2500, 2530, 2550, 2560, 2565, 2570, 2575, 2580; Be recommended for designation by the WTI and be designated in writing by the commanding officer.
Basic Instructor (BI)	6320	UIT-5000, 5010, 5020
Senior Instructor (SI)	6321	UIT-5100, 5110, 5120, 5130
WTI	6322	SCHL-6000

306. (7242) PROGRAMS OF INSTRUCTION (POI). A quick glance table that provides a broad view of crew position training has been provided at appendix (a) of this Manual. This table simply provides commanders and training officers a quick glance of the entire syllabi but is not part of the Core Model nor should it be used to substitute any tables in this chapter.

1. Basic POI for Air Support Net Operator (ASNO). Upon completion of MOS entry level training and arrival at a tactical squadron, individuals will be assigned to the ASNO Basic POI.

<u>WEEKS</u>	<u>COURSE/LEVEL</u>	<u>ACTIVITY</u>
1-10	Core Skill Introduction Training	MCCES
10-34	Core Skill Training	Tactical Squadron
22-104	Mission Skill Training	Tactical Squadron
104-208	Core Plus Training	Tactical Squadron

2. Basic POI for Air Support Crew Chief (CC). The DASC Crew Chief is normally a staff non-commissioned officer or non-commissioned officer and the most qualified enlisted watch stander. NCOs who have attained and maintained individual MSP in the ASNO POI may be assigned to the Crew Chief Basic POI based on unit requirements and proven crew leadership potential.

<u>WEEKS</u>	<u>COURSE/LEVEL</u>	<u>ACTIVITY</u>
1-10	Core Skill Training	Tactical Squadron
5-26	Mission Skill Training	Tactical Squadron
xx-xx	Core Plus Training	Tactical Squadron

3. Basic POI for DASC Chief.

<u>WEEKS</u>	<u>COURSE/LEVEL</u>	<u>ACTIVITY</u>
XX-26	Core Skill Training	Tactical Squadron
12-52	Mission Skill Training	Tactical Squadron
xx-xx	Core Plus Training	Tactical Squadron

4. Refresher POI for Air Support Net Operator (ASNO). The DASC Chief is normally a senior staff non-commissioned officer who is the most qualified and knowledgeable 7242 in DASC operations and not normally assigned to crew as a watch stander. SNCOs who have attained and maintained individual MSP in the Crew Chief POI may be assigned to the DASC Chief Basic POI based on unit requirements and proven mission leadership abilities.

<u>WEEKS</u>	<u>COURSE/LEVEL</u>	<u>ACTIVITY</u>
1-4	Core Skill Basic Training	Tactical Squadron
1-26	Mission Skill Training	Tactical Squadron
xx-xx	Core Plus Training	Tactical Squadron

5. Refresher POI for Air Support Crew Chief (CC).

<u>WEEKS</u>	<u>COURSE/LEVEL</u>	<u>ACTIVITY</u>
1-6	Core Skill Basic Training	Tactical Squadron
1-12	Mission Skill Training	Tactical Squadron
xx-xx	Core Plus Training	Tactical Squadron

6. Refresher POI for DASC Chief.

<u>WEEKS</u>	<u>COURSE/LEVEL</u>	<u>ACTIVITY</u>
--------------	---------------------	-----------------

1-6	Core Skill Basic Training	Tactical Squadron
1-12	Mission Skill Training	Tactical Squadron
xx-xx	Core Plus Training	Tactical Squadron

### 307. ACADEMIC TRAINING

1. Academic training shall be conducted throughout the syllabus. Where indicated, standardized academic training materials exist and may be obtained from the sponsoring activity. The proficiency attained by completing select courses provides units with the requisite skills essential to the accomplishment of unit mission essential tasks.

2. TECOM ATB publishes an annual Skills Enhancement message that lists most formal courses offered to MACCS operators and maintainers. Certain courses are TECOM funded while others require unit funding. Training managers should maximize these training opportunities. Standardized tracking codes for these formal courses that compliment this training syllabus are maintained in the MAWTS-1 C3 Course Catalog as "SCHL" codes. Upon completion of a formal course, the "SCHL" tracking code for that course will be entered in M-SHARP and documentation filed in the IPR. Commanders are highly encouraged to ensure personnel attend these courses to the extent possible.

3. External academic courses of instruction (distance learning (DL) and mobile training teams (MTTs)) that may be utilized for skill enhancement and professional development are contained within Chapter 2 of the MAWTS-1 C3 Course Catalog (reference (b)). The C3 Course Catalog may be downloaded from the C3 Department Section of the MAWTS-1 website:

<https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>

4. MACCS Aviation Career Progression Model (ACPM). ACPM is a series of standardized academic modules for use across the MACCS communities; they are integrated throughout this syllabus. These academics were developed to enhance professional understanding of Marine Aviation, the MAGTF and Joint operations to ensure individuals possess the requisite knowledge to fill essential positions in support of the ACE and MAGTF. ACPM training promotes professional growth in the MACCS community regardless of specific unit assignment. WTI graduates are trained to instruct this material. To retain this standardization, the syllabus sponsor (MAWTS-1) will manage the ACPM. Recommended changes to ACPM modules or events shall be forwarded to the syllabus sponsor. See the C3 Course Catalog for further information. Supporting material for portions of the ACPM is located on the MAWTS-1 websites at:

(a) NIPR [www.intranet.tecom.usmc.mil/sites/mawts1](http://www.intranet.tecom.usmc.mil/sites/mawts1)

(b) SIPR [www.mawts1.usmc.smil.mil](http://www.mawts1.usmc.smil.mil)

### 308. SYLLABUS NOTES

#### 1. General

a. The purpose of this syllabus is to provide the commander with standardized programs of instruction for DASC Enlisted (MOS 7242) personnel. The goal is to develop unit warfighting capabilities. Syllabi are structured

for trainees to learn individual skills required to perform the duties of the position being trained for based on specific performance standards designed to ensure proficiency in core competencies.

b. An effective T&R program is the first step in providing the commander with a unit capable of accomplishing all of its stated mission essential tasks. The T&R program provides the fundamental tools for commanders to build and maintain unit CSP. Using these tools, training managers can construct and execute an effective training plan that supports the unit Mission Essential Task List (METL). The 2000 and 3000 phase events are considered essential to support the unit METL. These events are measured as part of the unit's readiness reporting.

c. The 7242 training syllabus consists of live and academic training. All scenario driven events can be accomplished in a training environment or during actual exercises or contingency/combat operations. This syllabus does not contain simulator training events.

d. In an effort to standardize training for common events across MACCS agencies and to develop baseline MAGTF knowledge within the MACCS community, the MAWTS-1 C3 Course Catalog is used to maintain MACCS common T&R events, serve as a companion to this T&R manual, and maintain and standardize the programs of instruction (POI) for the following areas: MACCS Career Progression Model (ACPM), MACCS instructor concept, command and control systems (C2SYS) events, as well as standardized tracking codes for completion of selected formal schools (SCHL). All MACCS common events shall reside in the MAWTS-1 C3 Course Catalog (reference (b)). These common events are assigned T&R event numbers that have been blocked solely for common MACCS events and shall not be used in MACCS community T&Rs; they are for the sole purpose of MACCS common events. As new MACCS common events are identified and defined, they will be added to the course catalog. These additions may expand the numbers blocked for the new MACCS common T&R events. Deviation from subject blocked numbers is not permitted without the written consent of the C3 Division at MAWTS-1. Reference the C3 Course Catalog for an updated list of block numbers to ensure they are not used (duplicated) in this syllabus.

T&R Block	MACCS Common Training Program
2900-2999	Command and Control Systems (C2SYS)
4900-4999	Command and Control Systems (C2SYS)
5000-5150	Instructor Under Training (IUT)
6000-6099	Standardized Tracking Codes for Formal Schools
6320-6329	IUT Designations
8000-8099	ACPM
8200-8499	Reserved for Future MACCS Common Events

## 2. Training Personnel

a. Trainee. A trainee is an individual who is undergoing training to achieve a particular skill set, certification, qualification or designation essential to the accomplishment of unit mission essential tasks. The trainee shall complete all event prerequisites before commencing training in the event, stage, phase, Core Skill, Mission Skill, or Core Plus Skill for which the prerequisite applies.



b. Instructor. An instructor is someone who has been designated to conduct training and evaluations. These training events and evaluations normally consist of subject areas for which they are proficient and current. Instructor designation requirements are specified in the 5000 phase of this syllabus and reference (b).

3. Program of Instruction (POI). A group of events within a syllabus that an individual is required to perform; a POI can be thought of as a subset of a T&R syllabus. The following are the two POI categories applicable to the MACCS: Basic and Refresher.

a. Basic POI. This chapter contains three distinct programs of instruction for Air Support Operations Operators (7242) which are progressive in nature. Individuals are assigned to one POI at any given time.

b. Refresher POI.

(1) The Refresher POI consists of the R-coded events from the Basic POI. A trainee assigned to a Refresher POI shall re-complete all R-coded events required for the respective position, core or mission skill and those applicable events not previously completed in the Basic POI.

(2) Due to the highly perishable nature of command and control systems (C2SYS) skills, these events are required to be refreshed every 182 days (6 months) to remain current.

(3) Training intervals for R-coded events are noted in the events and in the T&R syllabus matrix. Events shall be updated / refreshed prior to the expiration of an event or that event will become delinquent. If any R-coded event becomes delinquent, the individual cannot count towards CMMR for that Core or Mission Skill in which the R-code is delinquent. To maintain proficiency in a Core, Mission or Core Plus skills, trainees must refresh R-coded events. If a trainee is absent from a DASC billet for greater than 1095 days (3 years), the trainee shall complete all R-coded events for Core, Mission, or Core Plus skills specified in the assigned refresher POI to regain proficiency.

(4) Refresher training for qualifications is required every 1095 days (3 yrs). If a trainee becomes delinquent in all associated qualification events, the qualification is lost. For details on maintaining or regaining qualifications refer to paragraph 215.2 of reference (a).

#### 4. T&R Phases

a. This manual is divided into seven distinct phases with an additional phase placeholder for future use, see chapter 6 of reference (a) for a detailed description of each training phase. Each phase contains stages and events that apply to multiple POIs. For example, the core skill phase (2000) will contain stages and events that are core skills for Air Support Net Operators, others that are core skills for Crew Chiefs, and others that apply to DASC Chiefs.

Phase	Material
1000	Core Skill Introduction
2000	Core Skills
3000	Mission Skills

4000	Core Plus Skills
5000	Instructor Training
6000	Certifications, Qualification, Designation
7000	Reserved for future use
8000	Academic Training (ACPM)

b. Core Skill training consists of 2000-phase events that develop fundamental skills. The attainment of these basic skills provide the trainee with essential "building block" skill sets required to proceed to more advanced mission skill training. Core skills indirectly support the unit METL.

c. Mission Skill training consists of 3000-phase events that develop advanced skills essential to the accomplishment of unit mission essential tasks. The completion of these tasks ensures the trainee is trained to directly support the unit METL.

d. The 2000- and 3000-phase events are essential to support the unit Core METL. Mission skills are measured as part of the unit reporting.

e. Core Plus training consists of 4000-phase events.

(1) This phase contains training standards applicable to large-scale integrated missions, unique mission areas, geographic specific training, or mission areas having a low probability of execution.

(2) This phase may also train individuals to be capable of leading and directing maintenance operations in a complex wartime scenario. Although Core Plus training events may provide valuable training opportunities, they are not measured as part of the unit reporting.

(3) For this syllabus this phase also serves to train personnel in areas that although not required may provide the commanding officer flexibility to meet CMMR. For example, 7242 may be trained in TAD and HD crew positions for those instances where there is a shortage of 7208 officers trained to fill those crew positions.

## 5. Event Training

a. Trainee. The trainee shall study, review and practice the event requirement to achieve the event performance standard. Instructors will provide required references during training and ensure the trainee has read and understands them. All event performance standards are to be evaluated without the aid of reference.

b. Instructor. The instructor shall train all events with a comprehensive overview of the requirement, to include performance steps, emphasizing procedures and knowledge essential to the event performance standard. All event training shall terminate with the instructor debriefing the trainee on performance. This debrief will include at a minimum a comprehensive review of the trainee's performance, corrective action required to meet the standard, and a plan on how to proceed with the training. Instructors are encouraged to mentor the trainee and enter into discussions that solidify and/or broaden their understanding. Once able to perform the event proficiently, the instructor shall evaluate the trainee and ensure the

event is performed to standard. The MACCS Training Form (MTF) shall be used to document initial and subsequent performance of any event.

c. The 7242 syllabus consists of live and academic training. All scenario driven events can be accomplished in a training environment or during actual exercises or contingency/combat operations. This syllabus does not contain simulator training events.

d. Prerequisites. All prerequisites shall be completed prior to beginning training in an event. Distance learning courses completed as a prerequisite to event training will be documented by filing the completion certificate in the IPR.

e. DASC Academic Training.

(1) Academic training may be conducted prior to or concurrent with required events, based on the event requirement itself. For example, if an academic event is a prerequisite to an event, the academic event shall be completed prior to beginning training on that event.

(2) DASC academics exist as events in the various phases of this syllabus, in the ACPM and as external required academics (MCI, MarineNet, etc.) All academic events serve as prerequisite(s) to one or more events in the 2000 through 6000 phases. Additionally, courses, events and external academics may be identified as prerequisites to the various phases, stages and/or events contained in this syllabus.

f. Event References. Trainees will be provided required references during training to ensure they read and understand them. However, unless otherwise stated, all event performance standards are to be evaluated without the aid of reference.

g. Cross Training. Cross training allows for the development of new, higher level responsibilities while providing opportunity for Marines to continue to grow and develop job and career enhancing skills. Cross training provides commands flexibility to assign personnel to different jobs or billets enabling them to achieve CMMR to accomplish their missions.

h. Crew Assistance. If crew members are required to assist in the conduct of an event, the crew shall be core competent in the role they will play, as applicable. Training will be executed as individual training with appropriate assistance at the crew level as needed and as dictated by the conditions listed for each event. Crewmember assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual properly demonstrating the event performance standard.

6. Scenarios and Evaluations. Unit WTTP officers will oversee the production of scenario and evaluation training products to ensure they support the event training requirements. The MAWTS-1 C3 Department is available to assist with existing scenario materials or via formal fleet support, see reference (b).

7. Multiple Event Logging. There may be opportunities for trainees to accomplish the requirements of more than one event during a scheduled training evolution. Units are encouraged to take advantage of complex training opportunities that allow multiple event completion. Under all

circumstances, post-event logging (single or multiple) is allowable if the requirements for each event are accomplished per the performance standard. If multiple events are scheduled to be accomplished during a single training evolution, appropriate planning, briefing, and debriefing time must be allotted to ensure requisite training objectives are met. Evaluators shall scrutinize to ensure the performance standard for each event code was met.

8. Syllabus Evaluation Form. A syllabus evaluation form is required for any initial or subsequent event training. The MACCS Training Form (MTF) is located in the C3 Course Catalog and available online at the MAWTS-1 C-3 website, <https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>.

## 9. Training Administration

a. Core Skill, Mission Skill, and Core Plus Events. Once the evaluation form is approved and signed by required signatories, the event code is logged in M-SHARP, and form/accompanying documentation is filed in the IPR, only then will the trainee be credited for completing the event.

b. Certification, Qualification and Designation Events. These events shall have an evaluation form completed, approved and signed by required signatories, the IPR reviewed by the WTPP officer to ensure all requirements and prerequisites were met, letter signed by the commanding officer, event code logged in M-SHARP, and signed letters/accompanying documentation filed in the IPR. Only then is the trainee considered qualified or designated, as applicable. This Manual does not contain "one time" certification training requirements.

## 309. CORE SKILL INTRODUCTION TRAINING (1000)

### 1. General

a. Purpose. To provide classroom entry-level instruction to develop the basic skills necessary for an enlisted Marine to have a general working knowledge on the characteristics, capabilities, limitations, and operations of DASC related systems and equipment that DASC Net Operators are required to operate. This training is complete upon graduation from the Tactical Data Systems Administrator Course. Upon completion of the Air Support Operations Operator (ASOO) Course, the Marine is designated MOS 7242.

b. Prerequisite. Meet the 7242 requirements delineated in MCO 1200.17 (Military Occupational Specialties (MOS) Marine Corps Manual).

c. Crew Requirements. Training will be executed as individual and crew training as dictated by the requirements listed for each event.

d. Academic Training. ASOO Course (CID M0967L1) located at Marine Corps Communication-Electronics School (MCCES) in 29 Palms, CA. This program of instruction can be viewed at [www.29palms.usmc.mil/mcces](http://www.29palms.usmc.mil/mcces).

e. Stage. Air Support Operations Operator (ASOO).

f. Total Training Events. 20 events, 336 hours.

### 2. Air Support Operations Operator (ASOO)

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ASOO-1000	4.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in MAGTF Operations.

Requirement. Identify the following:

1. Identify MAGTF Composition.
2. Identify the composition and mission of the Marine Division
3. Identify the types of Expeditionary Operations and how/when the DASC phases control ashore.
4. Identify the purpose of the FSCC and its composition.
5. Identify how Supporting Arms are used within the MAGTF, specific to direct air support operations.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 3-09
2. JP 1-02
3. MCDP 3
4. MCWP 3-1
5. MCWP 3-25.5
6. MCWP 3-43.1
7. MCWP 3-16
8. MCRP 5-12C

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ASOO-1020	4.0	(*)	B	E	ACADEMICS	L
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Goal. Identify how the Marine Aircraft Wing supports the MAGTF.

Requirement. Identify the following:

1. Identify the concepts for aviation support to the MAGTF.
2. Identify squadron nomenclature and missions assigned.
3. Identify Marine Wing composition.
4. Identify Manned and Unmanned Aircraft capabilities and limitations.
5. Identify Aviation Ordinance.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02
2. MCWP 3-2
3. MCWP 3-25.5
4. MCWP 3-25.3
5. MCRP 3-16.6A
6. MCRP 5-12C
7. DASC Pocket Checklist Section

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ASOO-1040	4.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in Offensive Air Support (OAS) Doctrine.

Requirement. Identify the following:

1. Identify purpose of OAS.
2. Identify requirements for Deep Air Support (DAS).
3. Identify requirements for Close Air Support (CAS).
4. Identify the differences between immediate and pre-planned OAS.
5. Identify Marine Corps airframes that have the primary mission of OAS.
6. Identify the unit(s)/agency(ies) within the MACG/MACCS that coordinate(s) OAS.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02
2. MCWP 3-23
3. MCWP 3-23.2
4. JP 3-09.3
5. MCWP 3-25.5
6. MCWP 3-25.3
7. MCRP 3-16.6A
8. MCRP 5-12C
9. DASC Pocket Checklist Section 9

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ASOO-1060	4.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in Assault Support Doctrine.

Requirement. Identify the following:

1. Identify the purpose of Assault Support.
2. Identify the sub-categories of Assault Support.
3. Identify the differences between immediate and pre-planned Assault Support.
4. Identify Marine Corps airframes that have the primary mission of Assault Support.
5. Identify the unit(s)/agency(ies) within the MACG/MACCS that coordinate(s) Assault Support.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02
2. JP 3-50
3. MCWP 3-11.4
4. MCWP 3-2
5. MCWP 3-24
6. MCWP 3-25.5
7. MCWP 3-25.3
8. MCRP 5-12C
9. DASC Pocket Checklist

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ASOO-1080	2.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in Aerial Reconnaissance Doctrine.

Requirement. Identify the following:

1. Identify the purpose of aerial reconnaissance.
2. Identify the two types of aerial reconnaissance.
3. Identify which aviation platforms can conduct aerial reconnaissance.
4. Identify the unit and system within the MACG that has the primary mission of aerial reconnaissance.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02
2. MCWP 3-26
3. MCWP 3-25.5
4. MCWP 3-42.1
5. MCWP 3-25.3
6. MCRP 5-12C
7. DASC Pocket Checklist

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ASOO-1100	2.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in Anti-Air Warfare (AAW) Doctrine.

Requirement. Identify the following:

1. Identify the definition of AAW.
2. Identify the two types of AAW.
3. Identify which units within the MACG have the primary mission of AAW.
4. Identify the Marine Corps' air defense systems for conducting AAW operations.
5. Identify the basic construct of an Integrated Air Defense System (IADS).
6. Identify and utilize alert conditions.
7. Identify Air Defense Communication/data link methods.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02
2. JP 3-01
3. MCWP 3-2
4. MCWP 3-22
5. MCWP 3-25.3
6. MCWP 3-25.5
7. MCRP 3-25E

8. MCRP 5-12C
9. DASC Pocket Checklist Section 10

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ASOO-1120	2.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in Electronic Warfare (EW) Doctrine.

Requirement. Identify the following:

1. Identify the definition and purpose for EW.
2. Identify the sub-sets of EW.
3. Identify which units within the Marine Corps conduct EW.
4. Identify the procedures used within the DASC to report enemy Electronic Attack operations.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 1-02
2. JP 3-13.1
3. MCWP 3-22.2
4. MCRP 3-22.2A
5. MCWP 3-25.3
6. MCWP 3-25.5
7. MCWP 3-40.5
8. MCRP 5-12C
9. DASC Pocket Checklist

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ASOO-1140	8.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in Control of Aircraft and Missiles Doctrine.

Requirement. Identify the following:

1. Identify the Marine Corps' philosophy for Command and Control.
2. Identify the purpose for Control of Aircraft and Missiles.
3. Identify the structure of the MACCS and each agency's purpose.
4. Identify which agencies of the MACCS utilize positive control.
6. Identify which agencies of the MACCS utilize procedural control.
7. Identify agencies responsible for command and control of expeditionary operations.
8. Identify the definitions of Air Direction and Air Control.
9. Become familiar with the Theater Air Ground System (TAGS).
10. Become familiar with the doctrine for command and control of expeditionary operations.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.



1. JP 1-02
2. JP 3-02
3. JP 3-30
4. JP 3-52
5. MCDP 3
6. MCWP 3-25
7. MCWP 3-25.3
8. MCWP 3-25.5
9. MCRP 5-12C
10. DASC Pocket Checklist
11. MTTP for TAGS

ASOO-1160	8.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained regarding Threats to the MAGTF, as they apply to the DASC.

Requirement. Identify the following:

1. Identify and react to surface-to-air threats to the MAGTF.
  - a. Identify categories of AAA.
  - b. Identify categories of SAMs (MANPADs, Optical and RF Guided).
2. Identify and react to air-to-ground threats to the MAGTF.
  - a. F/W Threats.
  - b. R/W Threats.
3. Identify and react to surface-to-surface threats to the MAGTF.
  - a. Armor Threats.
  - b. APC Threats.
  - c. Artillery Threats.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. AFTTP 3-1
2. Section 10 of the DASC Pocket Checklist.

ASOO-1180	2.0	(*)	B	E	ACADEMICS	L
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Goal. Identify and utilize Operations documents for DASC operations.

Requirement. Perform the following:

1. Identify and extract information from a USMTF message.
2. Extract direct air support information from an Air Tasking Order (ATO) and Airspace Control Order (ACO).
3. Utilize the ACEOI to extract direct air support communication information.
4. Extract information from an Operations Order as it applies to DASC operations.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 6-0
2. MCWP 3-25
3. MCWP 3-25.3
4. MCWP 3-25.5
5. MCWP 3-40.1
6. MCWP 3-40.2
7. MCWP 3-40.3
8. DASC Pocket Checklist

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ASOO-1200	2.0	(*)	B	E	ACADEMICS	L
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Goal. Demonstrate knowledge gained in information management theory.

Requirement. Identify the following:

1. Identify and utilize direct air support communication nets.
2. Utilizing a guard chart, identify which nets the DASC is required to use.
3. Identify security procedures for classified information.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. JP 6-0
2. MCWP 3-25
3. MCWP 3-25.3
4. MCWP 3-25.5
5. MCWP 3-40.1
6. MCWP 3-40.2
7. MCWP 3-40.3
8. DASC Pocket Checklist

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ASOO-1220	8.0	(*)	B	E	1	AN/MRQ-12 & AN/UYQ-3B	L
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Goal. Operate Air Support Communications Equipment.

Requirement. Identify and utilize the following:

1. DASC Single Channel Radio Equipment
  - a. Nomenclatures
  - b. Frequency Ranges for each set.
  - c. Communications Range (for each configuration).
  - d. Power Requirements and Variable Configurations.
  - e. Antenna Configurations.
  - f. Spectrum associated.
2. DASC Communication Shelter Equipment
  - a. Radio Components
  - b. Communications Distribution Equipment
  - c. Antenna Configurations and Nomenclature
3. AN/UYQ-3B
  - a. Radio Components
  - b. Operator Positions
  - c. Airframe considerations

Performance Standard. Without the aid of reference pass a written exam with a minimum score of 80% and complete the practical application.

Reference.

1. MCWP 3-25.5
2. DASC Pocket Checklist
3. Harris Quick Reference Pocket Guide for the AN/PRC-117 and AN/PRC-150
4. MCTSSA's Marine Corps Tactical Data Systems Reference Guide

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ASOO-1240	40.0	(*)	B	E	1	AN/MRQ-12	L
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Goal. Conduct DASC operations utilizing air support communications equipment.

Requirement. Perform the following:

1. Conduct authentication, encryption and decryption.
  - a. Encrypt Information
  - b. Decrypt Information
  - c. Authenticate
  - d. Time Authenticate
2. Utilizing the Operator Interface:
  - a. Place and answer a telephone call.
  - b. Utilize the intercommunications system (ICS).
  - c. Monitor and Transmit on a radio net using appropriate RT procedures.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. MCWP 3-25.5
2. MCWP 3-40.1
3. MCWP 3-40.3
4. MCWP 3-40.3A
5. MCWP 3-40.B
6. DASC Pocket Checklist
7. Harris Quick Reference Pocket Guide for the AN/PRC-117 and AN/PRC-150
8. MCTSSA's Marine Corps Tactical Data Systems Reference Guide

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ASOO-1260	2.0	(*)	B	E		ACADEMICS	L
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Goal. Accurately plot direct air support information.

Requirement. In the classroom or field environment and given a map, perform the following:

1. Locate and/or Plot a UTM coordinate.
2. Locate and/or Plot a Latitude/Longitude coordinate.
3. Plot friendly/enemy units using appropriate symbols.
4. Plot FSCM/ACMs using appropriate symbols.
5. Plot DASC specific symbols (JTAR/ASR/etc...).

6. Maintain TAD/HD Aircraft mission status boards.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. MCWP 3-25.5
2. DASC Pocket Checklist
3. MCRP 5-2A (Operational Terms and Graphics)

ASOO-1280	2.0	(*)	B	E	ACADEMICS	L
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Goal. Receive and process immediate air support requests.

Requirement. Conduct the following:

1. Receive and process JTARs.
2. Receive and process ASRs.
3. Receive and process CASEVACs.
4. Exchange direct air support information with requesting unit.
5. Identify the components of the request forms.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. MCWP 3-25.5
2. DASC Pocket Checklist

ASOO-1300	2.0	(*)	B	E	1	DASC	L
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Goal. Exchange information with the TACC.

Requirement. While conducting DASC operations, operate as a TAC/DAS net operator:

1. Communicate ATO and ACO information.
2. Exchange direct air support information with the TACC.
3. Utilize appropriate RT procedures.
4. Exchange threat information.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. MCWP 3-25.5
2. DASC Pocket Checklist

ASOO-1320	2.0	(*)	B	E	1	DASC	L
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Goal. Exchange information with the FSCC.

Requirement. While conducting DASC operations, operate as FSC Net Operator:

1. Exchange direct air support information with an FSCC.
2. Exchange information regarding fire support.
3. Utilize appropriate RT procedures.
4. Exchange information regarding operational terms and graphics.

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. MCWP 3-25.5
2. DASC Pocket Checklist

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ASOO-1340	2.0	(*)	B	1	AFATDS	L
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Goal. Familiarize the operator on Advanced Field Artillery Tactical Data Systems (AFATDS) for direct air support operations

Requirement. Utilizing an AFATDS, introduce the following:

1. Apply power, and login.
2. Perform setup initialization: Install map mod, map center, printer, alarms and set time.
3. Setup communications: Owner ID, subscriber data and communication check.
4. Send/receive plain text messages.
5. Send/receive Battlefield Geometry.
6. Process data techniques.
7. Artillery firing update (AFU).

Performance Standard. Become familiar with AFATDS.

Reference.

1. MCTSSA's Marine Corps Tactical Data Systems Reference Guide
2. Ft Sill AFATDS Software User's Manual (SUM)

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ASOO-1360	4.0	(*)	B	E	1	TBMCS	L
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Goal. Familiarize the operator on Theater Battle Management Core System (TBMCS) for direct air support operations

Requirement. Utilizing a TBMCS terminal, and without the aid of references, perform the following:

1. Login and Subscribe to Alerts.
2. Login to the CAOC Central Webpage (CCWeb).
3. Send/receive email using Iris For Outlook (IFO).
4. Utilizing CCWeb:
  - a. Operate Execution Status and Monitoring Tool (ESTAT).
    - (1) Open the appropriate Air Battle Plan (ABP).
    - (2) Update aircraft mission status
    - (3) Access mission Operational Support Pages (OPages)
  - b. Operate Web Air Request Processor (WARP).
    - (1) Load appropriate ABP.
    - (3) Input an immediate Air Support Request.
    - (4) Pair aircraft mission data with request.

- (5) Apply BDA to request.  
c. Access the ATO/ACO using the ATO/ACO Tool (AAT).

Performance Standard. Without the aid of reference, pass a test with a minimum score of 80%.

Reference.

1. MCTSSA's Marine Corps Tactical Data Systems Reference Guide
2. DASC Pocket Checklist Section 15

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ASOO-1380	2.0	(*)	B	1	C2PC	L
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Goal. Familiarize the operator on Command and Control Personal Computer Application (C2PC) for direct air support operations

Requirement. Utilizing C2PC applications, perform the following:

1. Utilize Map Manager to load maps.
2. Utilize the range-bearing tool.
3. Receive, Send, and Build Overlays.
4. Apply appropriate filters.
5. Plot Immediate Air Requests
6. Accomplish Datum conversions.
7. Plot direct air support information (unit locations, gun-target lines, etc...).

Performance Standard. Become familiar with Command and Control Personal Computer Application (C2PC)

Reference. MCTSSA's Marine Corps Tactical Data Systems Reference Guide

310. CORE SKILL TRAINING (2000)

1. General

a. Purpose. Core Skills are intended to train the individual to utilize the tools and systems required during performance as a DASC crewmember. Core Skills require a set of events to be completed to ensure a level of proficiency is achieved before the trainee proceeds to Mission Skill training.

b. Prerequisite. Complete primary MOS Core Skill Introduction training and appropriate POI.

c. Stages

1. Academics (ACAD)
2. Communications (COMM)
3. Equipment (EQUIP)
4. Plotting (PLOT)
5. Air Requests (TRHR)
6. Direct Air Support (TCDS)
7. Fire Support Coordination (FSC)
8. Air Support Net Operator (ASNO)
9. Crew Chief (CC)
10. DASC Chief (DCHF)

11. Familiarization (FAM)
12. Command and Control Systems (C2SYS)

2. Academics (ACAD)

a. Purpose: To review, develop and evaluate knowledge of DASC operations, systems and procedures.

b. Admin Note. The academic events in this phase are intended to complement and supplement those in the ACPM. In addition to the events listed in this phase, all trainees will also complete ACPM-8003, DASC, and complete a self-paced reading of MCWP 3-25.5, DASC Handbook prior to completing this phase.

c. Total Training Events. 5 events, 2.5 hours.

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ACAD-2000	.5	(*)	B	L
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Goal. Demonstrate knowledge of DASC crew positions.

Requirement. For each doctrinal crew position within the DASC:

1. Identify the duties and responsibilities of the position
2. Identify and describe the doctrinal net(s) used
3. Identify the frequency spectrum of the net
4. Identify the agencies/units operating on the net
5. Provide examples of information passed/received from those agencies/units

Performance Standard. Without the aid of reference, pass a test (oral or written) with a minimum score of 80%.

Prerequisite. ACPM-8003

Instructor. BI

Reference.

1. MCWP 3-25.5, DASC Handbook
2. DASC Pocket Checklist
3. MCWP 3-40.3, Communications

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ACAD-2001	.5	(*)	B	L
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Goal. Understand storage and handling of classified material.

Requirement.

1. State the different levels of classification
2. State the marking requirements for each level of classification
3. State the Two-person integrity rule (TPI)
4. State storage procedures for each level of classification
5. Identify transportation requirements for classified material
6. State the sections of the SF-702
7. Identify the approved security containers utilized for

Performance Standard. Without the aid of reference, pass a test (oral or written) with a minimum score of 80%.

Instructor. BI

Reference.

1. MCO P5510.1A
2. EKMS-1

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ACAD-2002	.5	(*)	B	L
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Goal. Understand Airspace Coordination Measures / Fire Support Coordination Measures

Requirement.

1. Identify the elements of an airspace coordination means request
2. Identify the 8 types of ACMS, describe and provide examples of each
3. Given a list of 25 ACMS (mapped usages) from the reference, provide the definition and purpose for each
4. Identify FSCMs commonly used by the MAGTF.

Performance Standard. Without the aid of reference, pass a test (oral or written) with a minimum score of 80%.

Instructor. BI

Reference.

1. JP 3-52, Joint Doctrine for Airspace Control in the Combat Zone
2. MCWP 3-16, Fire Support Coordination in the GCE

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ACAD-2003	.5	(*)	B	L
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Goal. Understand weather reports and impacts of weather on aviation operations

Requirement.

1. Identify the common aviation related weather reports
2. Interpret a METAR
3. Given a scenario by the instructor, identify the potential impacts to aviation operations of various weather

Performance Standard. Without the aid of reference, pass a test (oral or written) with a minimum score of 80%.

Instructor. BI

Reference.

1. MCWP 3-35.7 MAGTF Meteorological and Oceanographic Support
2. Federal Meteorological Handbook No. 1

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ACAD-2004	.5	(*)	B	L
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Goal. Understand aviation ordnance

Requirement. Provided a list of 25 examples of air-to-ground ordnance, describe each to include:

1. Nomenclature and/or short title
2. Description
3. Guidance scheme
4. Provide examples of targets it is effective against
5. Provide examples of USMC aircraft that can employ it

Performance Standard. Without the aid of reference, pass a test (oral or written) with a minimum score of 80%.

Instructor. BI

Reference.

1. DASC Pocket checklist
2. JP 3-09, Joint Fire Support

### 3. Communications (COMM)

a. Purpose. To develop proficiency in utilizing MASS organic field radios and communications procedures.

b. Total Training Events. 7 events 7.5 hours

COMM-2110	1.0	(*)	B		L
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Goal. Authenticate, encrypt and decrypt text messages.

Requirement. Given a KTC L500E, radio, simulated Radio net and simulated calls from external agencies or stations and information to encrypt and decrypt:

1. Authenticate 10 calls
2. Respond to 10 challenges
3. Encrypt five multi-word text messages
4. Decrypt five multi-word text messages
5. Encrypt five MGRS using RAMROD
6. Decrypt five MGRS using RAMROD
7. Review Gingerbread procedures
8. Review Beadwindow procedures

Performance Standard. Authenticate, encrypt and decrypt text messages by completing each requirement item IAW the reference. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Instructor. BI

Reference. MCRP 3-40.3B, Radio operator's handbook

COMM-2120	1.0	(*)	B	1	VHF/UHF/SATCOM RADIO	L
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Goal. Utilize the VHF/UHF/SATCOM radio.

Requirement. Given a current VHF/UHF/SATCOM radio, and applicable references conduct the following:

1. Review the characteristics of the listed radio
2. Set up the radio
  - a. Configure antenna
  - b. Apply power
  - c. Input frequencies
  - d. Toggle frequencies
  - e. Scan frequencies
3. Conduct a radio check.
  - a. Establish cipher text communications
  - b. Establish plain text communications
4. Zeroize the radio

Performance Standard. Pass a practical application test. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Instructor. BI

Reference. Technical Manual, Operator's Manual

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COMM-2130	1.0	(*)	B	1	HF/VHF RADIO	L
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Goal. Utilize the HF/VHF radio.

Requirement. Given a current HF/VHF radio, and applicable references conduct the following:

1. Review the characteristics of the listed radio
2. Set up the radio
  - a. Configure antenna
  - b. Apply power
  - c. Input frequencies
  - d. Toggle frequencies
  - e. Scan frequencies
3. Conduct a radio check.
  - a. Establish cipher text communications
  - b. Establish plain text communications
4. Zeroize the radio

Performance Standard. Pass a practical application test. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Instructor. BI

Reference. Technical Manual, Operator's Manual

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COMM-2140	0.5	(*)	B			L
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Goal. Describe the characteristics, capabilities & limitations of the VHF/UHF/SATCOM radio.

Requirement. State following capabilities of the UHF/VHF/SATCOM radio

1. State the capabilities and limitations of the UHF/VHF/SATCOM radio.
2. State the purpose and associated frequency spectrum for Frequency Hopping and HAVE QUICK.

Performance Standard. State the requirement items IAW the reference; minor errors corrected by the trainee are acceptable.

Instructor. BI

Reference. Technical Manual, Operator's Manual

COMM-2145	0.5	(*)	B		L
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Goal. Describe the characteristics, capabilities & limitations of the HF/VHF radio.

Requirement. Given two HF/VHF radios, conduct the following:

1. Identify capabilities and limitations of the HF/VHF radio.
2. Explain the functions and capability of chat.
3. Explain the purpose of Automatic Link Establishment (ALE).
4. Given a complete HF/VHF radio and required associated equipment, send and receive chat messages.

Performance Standard. Complete requirement items IAW the reference; minor errors corrected by the trainee are acceptable. The instructor will verify that the data and chat messages are sent and received.

Instructor. BI

Reference. Technical Manual, Operator's Manual

COMM-2155	1.0	(*)	B	2	HF/VHF RADIOS	L
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Goal. Utilize Data functions associated with HF/VHF radios.

Requirement. Given two HF/VHF radios, conduct the following:

1. Identify capabilities and limitations of the HF/VHF radio.
2. Explain the functions and capability of the Chat program
3. Explain the purpose of Automatic Link Establishment (ALE).
4. Given a complete HF/VHF radio and required associated equipment, send and receive chat messages.

Performance Standard. Complete requirement items IAW the reference; minor errors corrected by the trainee are acceptable. The instructor will verify that the data and chat messages are sent and received.

Instructor. BI

Reference. Technical Manual, Operator's Manual

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COMM-2160	2.0	(*)	B	1	DASC	L
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Goal. Identify communication problems.

Requirement. Given an operational Direct Air Support Center (DASC) and a scenario with verifiable communications problems:

1. Identify net restoration/maintenance priorities.
2. Determine the communications problems
3. Determine source of the communication problem:
  - a. Operator error
  - b. System degradation
  - c. System jamming
  - d. System intrusion
  - e. System interference
4. Correct the problem by initiating appropriate action and/or reports.

Performance Standard. Identify and describe all five communication problems. Instructor may evaluate trainee on naturally occurring communication problems without a scenario should they occur.

Prerequisite. QUAL-6204

Instructor. BI

Reference.

1. MCRP 3-40.3B, Radio operator's handbook
2. MCRP 3-40.3C, Antenna Handbook
3. MCWP 3-40.3, Communications and Information Systems

4. Equipment (EQU)

a. Purpose. To develop proficiency in utilizing DASC operational equipment and hardware.

b. Total Training Events. 6 events, 8 hours.

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EQUIP-2210	1.5	(*)	B	1	AN/MRQ-12	L
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Goal. Identify the characteristics, capabilities and limitations of the AN/MRQ-12.

Requirement. Identify and explain the following:

1. Identify the nomenclature and number of radios SL-3 to the MRQ-12.
2. Identify the number of radio nets and frequency spectrum breakdown provided by the MRQ-12.
3. Identify antennas SL-3 to the MRQ-12.
4. Explain the power requirements for running the MRQ-12 continuously (generator, self powered, slave cables?) for 12 hours.
5. Explain the remote capability of the MRQ-12.

Performance Standard. Identify and explain the requirement items IAW the reference and without error.

Instructor. BI

Prerequisite. COMM-2120, 2130, 2140, 2145; QUAL-6204

Reference.

1. TM 10576C-OI/1, Communication Interface System AN/MRQ-12(V)3
2. TM 10576D-OI, Communication Interface System AN/MRQ-12(V)4
3. Harris Quick Reference Pocket Guide for the AN/PRC-117
4. Harris Quick Reference Pocket Guide for the AN/PRC-150
5. MCWP 3-25.5 DASC Handbook
6. DASC Pocket Checklist
7. MCTSSA's Marine Corps Tactical Data Systems Reference Guide

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EQUIP-2220	1.0	(*)	B		L
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Goal. Identify the characteristics, capabilities, limitations and requirements for the AN/UYQ-3B.

Requirement. Identify the following concerning the AN/UYQ-3B:

1. Identify nomenclature and number of radios organic to AN/UYQ-3B.
2. Identify the number of radio nets and frequency spectrum provided by the AN/UYQ-3B.
3. Identify the ducting requirements of the Air Conditioning unit organic to the AN/UYQ-3B.
4. Identify external support/equipment required.
5. Explain the load/unload procedures for the AN/UYQ-3B.

Performance Standard. Identify and explain the requirement items IAW the reference; minor errors corrected by the trainee are acceptable.

Instructor. BI

Reference. AN/UYQ-3B Technical Manual

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EQUIP-2230	1.5	(*)	B	1 DASC SHELTER	L
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Goal. Employ and maintain organic DASC shelter.

Requirement. Given the site diagram, a DRASH and/or BASE-X shelter with required cables, and a four to six individuals complete the following:

1. Emplace and expand shelter.
2. Stake down shelter.
3. Connect multiple shelters/vestibules/vehicle boots
4. Connect ECU ducting/plenum.
5. Connect lighting subsystems.
6. Connect internal power harness/MEPDS gear.
7. Tear-down and repack shelter for retrograde.
8. Conduct limited maintenance/repair

Performance Standard. Demonstrate the ability to properly set up (20 minutes) and tear down (20 minutes) a DASC Shelter and perform proper maintenance. Units will conduct this event for each type of shelter (DRASH or BASE-X) on the CMR.

Instructor. BI

Reference.

1. DRASH XBT series manual
2. BASE-X manual
3. Unit generated exercise/operation site diagram

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EQUIP-2240	0.5	(*)	B	L
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Goal. Identify the characteristics, capabilities and limitations of Motor Transport and Utilities (MT/UT) equipment associated with the MASS.

Requirement. Identify the MT/UT equipment as follows:

1. Identify rolling stock organic to the MASS. Conduct the following for each:
  - a. State the proper nomenclature.
  - b. State the power capabilities/requirements.
  - c. Identify what gear is SL-3 to each vehicle.
  - d. Explain how MT support equipment is employed
  - e. Identify what equipment the vehicles can tow/carry.
2. Identify utility equipment organic to the MASS. Conduct the following for each:
  - a. State the proper nomenclature.
  - b. State the power capabilities/requirements.
  - c. State the relationship between utility equipment and specific DASC configurations
3. Explain proper hazardous material handling.

Performance Standard. Identify and explain the requirement items IAW the references; minor errors corrected by the trainee are acceptable.

Instructor. BI

Reference.

1. MSTP Pamphlet, MAGTF Planner's Guide
2. DASC Pocket Checklist

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EQUIP-2250	0.5	(*)	B	L
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Goal. Identify the characteristics, capabilities and limitations of the DASC MRC vehicles.

Requirement. For both the DASC MRC vehicles review the characteristics as follows:

1. State the proper nomenclature
2. State the frequency spectrum
3. State expected range and factors affecting range

4. Identify power requirements and output
5. Identify associated cryptological equipment
6. Identify compatible antennae
7. Identify SL-3 items

Performance Standard. Without the aid of reference, pass a test (oral or written) with a minimum score of 80%.

Prerequisite. COMM-2140, 2145

Instructor. BI

Reference.

1. DASC Pocket checklist

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EQUIP-2260	0.5	(*)	B	1	AN/MRQ-12	L
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Goal. Connect Communication Interface System (CIS) equipment associated with DASC operations site.

Requirement. Given a DASC system diagram and an AN/MRQ-12/CIS (MESHnet or DSAN) properly emplace and connect all CIS equipment within the DASC Operations shelter.

Performance Standard. Demonstrate the ability to perform the requirement under general supervision.

Instructor. BI

Reference.

1. TM 10576C-OI/1, Communication Interface System AN/MRQ-12(V)3
2. TM 10576D-OI, Communication Interface System AN/MRQ-12(V)4

## 5. Plotting (PLOT)

a. Purpose: To develop proficiency in maintaining the situational displays used in air support operations.

b. General. Upon completion of this portion of the training syllabus the Air Support Operations Operator will have attained all skills required to be considered a Core Skill proficient plotter.

c. Total Training Events. 2 events 3 hours

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PLOT-2300	1.0	(7300)	B,R			L
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Goal. Plot coordinates and symbols on a map.

Requirement. Given a paper map, protractor, list of 20 coordinates, five Fire Support Coordination Measures (FSCMs), five Airspace Coordination Measures (ACMs), five friendly and five enemy unit locations, and 15 direct air support requests, demonstrate ability to:

1. Locate five, four-digit Military Grid Reference System (MGRS)

- coordinates within 15 seconds each.
2. Locate five, six-digit MGRS coordinates within 25 seconds each.
  3. Locate five, eight-digit MGRS coordinates within 35 seconds each.
  4. Locate five Lat/Long coordinates within 30 seconds each.
  5. Plot five Fire Support Coordination Measures (FSCM) using appropriate symbols.
  6. Plot five Airspace Coordination Measures (ACM) using appropriate symbols.
  7. Plot five friendly and five enemy units using appropriate symbols.
  8. Plot five Joint Tactical Air Request (JTARs).
  9. Plot five Air Support Request (ASRs).
  10. Plot five Medevacs.

Performance Standard. Plot coordinates and symbols within the time allowed IAW the reference. Minor errors that are corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite.

1. ACAD-2000, 2002; C2SYS-2900, 2901, 2902, 2903, 2904, 2913, 2921; ACPM-8001, 8003.
2. Although not required, recommend completion of
  - (a) MCI 0381D (Land Navigation)
  - (b) MarineNet Courses 0801AO (Fire Support Coordination)
  - (c) MarineNet CC03AO (Graphic and Airspace Control Measures)

Instructor. BI.

Reference.

1. Ops terms and Graphics.
2. MCWP 3-16, Fire Support Coordination in the GCE.
3. JP 3-52, Joint Doctrine for Airspace Control in a Combat Zone.
4. MCI 0381D Land Navigation.
5. DASC Pocket checklist.

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PLOT-2305	2.0	(*)	B	L
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Goal. Track and display information associated with the execution of the Air Tasking Order (ATO).

Requirement. Given an ATO with a minimum of 10 fixed wing and 10 rotary wing missions, Special Instructions (SPINS) and a Frag Sheet or status display, demonstrate the ability to:

1. State the purpose and use of the United States Military Text Format (USMTF) ATO.
2. Parse an ATO and display pertinent information.
3. Extract mission data from an ATO.
4. Correctly display aircraft mission data in appropriate fields on frag sheet or display.
5. Display five changes to mission status.
6. Display five changes to mission data.
7. Display five changes to mission routing.
8. Display mission location and altitude for all missions.

Performance Standard. Track and display fixed wing and rotary wing



information per the requirement items IAW the reference.  
Minor errors that are corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Instructor. BI.

Prerequisite. ACAD-2000; C2SYS-2900, 2901, 2902, 2910; ACPM-8001, 8003.

Reference. ASOOC Lectures 3.03 (Map Reading) and 3.04 (Plotting Symbology) located at <http://www.29palms.usmc.mil/tenants/mcces/dl/DLLinks.asp>

6. Air Requests (TRHR)

a. Purpose. Develop proficiency in receiving and processing requests for immediate direct air support.

b. General.

(1) Upon completion of this portion of the training syllabus the Air Support Operations Operator will have attained all skills required to be considered a Core Skill proficient Tactical Air Request/Helicopter Request net operator.

c. Total Training Events. 1 event, 2 hours.

TRHR-2315	2.0	(7300)	B,R	L
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Goal. Receive and process immediate air support requests.

Requirement. Given a minimum of 10 simulated CASEVAC, 10 simulated Joint Tactical Air Request (JTAR), and 10 simulated Air Support Request (ASR) requests, perform the following for each air request.

1. Receive immediate support request from requesting unit
2. Pass request number to requesting unit
3. Route request throughout DASC Crew
4. Pass mission data to requesting unit
5. Receive Battle Damage Assessment (BDA) and pass to CC and SAD.
6. Confirm with requesting unit mission complete

Performance Standard. Process 9 of 10 of each type of immediate air support requests by completing each requirement item IAW the reference. Minor errors that are corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. ACAD-2000; COMM-2110; C2SYS-2900, 2901, 2902, 2911, 2940; and ACPM-8000, 8003.

Instructor. BI.

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

7. Direct Air Support (TCDS)

a. Purpose. Develop proficiency in coordinating the execution of direct air support missions with the TACC and other MACCS agencies.

b. General. Upon completion of this portion of the training syllabus the Air Support Operations Operator will have attained all skills required to be considered a Core Skill proficient Tactical Air Command/Direct Air Support Net Operator.

c. Total Training Events. 1 event, 2 hours.

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TCDS-2325	2.0	(7300)	B,R	L
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Goal. Conduct information & data transfer between the DASC and the TACC/ACE.

Requirement. Given a simulated Tactical Air Command/Direct Air Support (TAC/DAS) Net comprising of a TAC/DAS net operator and a Close Battle Coordinator (CBC) connected by voice communication, pass and receive a minimum of five examples of each of the following:

1. ATO and Airspace Control Order (ACO) changes.
2. Mission status.
3. Immediate air support requests.
4. Mission data and/or requests for launch or divert of A/C.
5. Friendly and enemy updates.
6. Weather updates.

Performance Standard. Process four of five of each information category listed in the requirement IAW with the reference. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. ACAD-2000, 2002, 2003; COMM-2110; PLOT-2305; C2SYS-2900, 2901, 2902, 2905, 2910, 2911, 2940; ACPM-8001, 8002 and 8003.

Instructor. BI

Reference.

1. MWCP 3-25.5 DASC Handbook
2. DASC Pocket checklist

8. Fire Support Coordination (FSC)

a. Purpose. To develop proficiency in coordinating the integration of aircraft employment with other supporting arms.

b. General. Upon completion of this portion of the training syllabus the Air Support Operations Operator will have attained all skills required to be considered a Core Skill proficient Fire Support Coordination net operator.

c. Total Training Events. 2 events, 4 hours.

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FSC-2335	2.0	(7300)	B,R	L
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Goal. Conduct information & data transfer between the DASC and the FSCC/GCE.

Requirement. Given the reference and a simulated FSC net comprised of a FSC Net operator and counterpart in the FSCC connected by voice communication, pass and receive a minimum of five examples of each of the following:

1. Fire support coordination measures.
2. Ground scheme of maneuver updates.
3. Friendly and enemy situation updates.
4. Fire Support positions and fire capability.
5. Pass and receive requests for changes to Air Tasking Order (ATO)/Airspace Control Order (ACO)/Frag/Special Instructions (SPINS).

Performance Standard. Process information in each category IAW the reference. Minor errors that are corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. ACAD-2000, 2002; COMM-2110; C2SYS-2920, 2940; ACPM-8001, 8002, 8003, 8062.

Instructor. BI.

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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FSC-2340	2.0	(*)	B	L
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Goal. Process fire missions.

Requirement. Given a minimum of 10 simulated fire missions:

1. Receive fire mission data from the FSCC.
2. Request additional info if required.
3. Inform Direct Air Support Center (DASC) Crew.
4. Pass a/c locations to FSCC if applicable.
5. Confirm End of Mission (EOM).

Performance Standard. Complete the requirement items IAW the reference. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Instructor. BI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

9. Air Support Net Operator (ASNO)

- a. Purpose. To develop proficiency in crew coordination and functioning associated with direct support operations.
- b. General. At least one of the following events must be completed prior to beginning this stage: TRHR-2315, TCDS-2325 or FSC-2335.
- c. Crew Requirement. DASC Crew
- d. Total Training Events. 1 event, 4 hours.

ASNO-2350	4.0	(365)	B,R	1	DASC	L
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Goal. Conduct Direct Air Support Center (DASC) operations in a Chemical Biological Radiological Nuclear (CBRN) environment.

Requirement. Given a scenario, supporting documentation, an operational DASC, conduct the duties of an Air Support Net Operator in a simulated CBRN environment. Begin in MOPP-0 and graduate to MOPP-IV over a four hour period. While increasing MOPP levels:

1. Identify alternate C2 communications procedures.
2. Utilize CBRN defense equipment as required.
3. Alert subordinate displaced elements.
4. Notify external agencies and aircraft.
5. Conduct the duties of the DASC position filled.

Performance Standard. Conduct DASC operations in a CBRN environment by completing the requirement items IAW the reference. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. TRHR-2315; TCDS-2325; or FSC-2335.

Instructor. SI

Reference.

1. Marine Corps Common Skills Handbook.
2. MCO 3400.3F (page 4, para. d) Nuclear, Biological, and Chemical Defense (NBCD) Training
2. MCRP 3-11.2A, Troop Leader's Guide (Appendix G)
3. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System

10. Crew Chief (CC)

- a. Purpose. To develop proficiency in crew and system management involved in direct air support operations.
- b. General. Upon completion of this portion of the training syllabus the Air Support Operations Operator will have attained all skills required to be considered a Core Skill proficient DASC Crew Chief.
- c. Crew Requirement. DASC Crew
- d. Academic Training. Complete ACPM 8040 and 8060 prior to completion of this stage.

e. Total Training Events. 6 events, 12 hours

CC-2400	4.0	(365)	B,R	1	DASC	L
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Goal. Conduct DASC Crew Chief duties in a Chemical Biological Radiological Nuclear (CBRN) environment.

Requirement. Given a scenario, supporting documentation, an operational DASC, conduct the duties of a DASC Crew Chief in a simulated CBRN environment. Begin in MOPP-0 and graduate to MOPP-IV over a four hour period. While increasing MOPP levels:

1. Identify alternate C2 communications procedures.
2. Plan personnel rotations while in MOPP gear.
3. Utilize CBRN defense equipment as required.
4. Alert subordinate displaced elements.
5. Notify external agencies and aircraft.

Performance Standard. Conduct the duties of a DASC Crew Chief to a capable level IAW the appropriate mission skill event (MGMT) while completing the requirement items IAW the reference for a period of four hours. The instructor may provide minimal guidance.

Prerequisite. QUAL-6204; CC-2410, 2420, 2430, 2450.

Instructor. SI

Reference.

4. Marine Corps Common Skills Handbook.
5. MCO 3400.3F (page 4, para. d) Nuclear, Biological, and Chemical Defense (NBCD) Training
6. MCRP 3-11.2A, Troop Leader's Guide (Appendix G)
7. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System

CC-2410	1.0	(*)	B			L
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Goal. Extract critical information from supporting documents.

Requirement. Demonstrate the ability to extract critical information required for Direct Air Support Center (DASC) operations including but not limited to Fire Support Coordination Measures (FSCMs), Airspace Coordination Measures (ACMs), Scheme of Maneuver, Communications nets and frequencies, and aircraft missions from the following documents:

1. Warning Orders, Operations Orders (OPORDs) and Fragmentary Orders (FRAGOs).
2. Communications Plans and Automated Communications-Electronics Operating Instructions (ACEOI).
3. Airspace Control Plans (ACPs).
4. Airspace Control Orders (ACOs).
5. Air Tasking Orders (ATOs) and Special Instructions (SPINS).

Performance Standard. Complete the requirement items IAW the reference. The instructor will verify the required information is extracted; minor errors corrected by the trainee are acceptable.

Prerequisite. QUAL-6204.

Instructor. BI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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CC-2420	1.0	(*)	B	L
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Goal. Perform DASC Crew Chief administrative functions.

Requirement. Given the necessary forms or formats and a scenario, identify the necessary information to complete and route the following reports/forms:

1. Meaconing, Intrusion, Jamming and Interference (MIJI) Report.
2. Equipment Status report.
3. Daily Operational summary (OPSUM).
4. DASC Crew position evaluations and qualification recommendations.

Performance Standard. Complete each requirement item IAW the reference. The instructor may provide minimal guidance.

Prerequisite. QUAL-6204.

Instructor. BI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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CC-2430	1.0	(*)	B	L
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Goal. Assign nets to DASC radios and apply restoration priorities.

Requirement. Given the reference, a list of 15 radios and required nets to support a DASC scenario with three (3) radio failures:

1. Create a list of nets to appropriate radios.
2. Establish net restoration priority.
3. Explain net assignment and net restoration priorities.
4. Apply net restoration priorities given the 3 radio failures.

Performance Standard. List net restoration priorities to support the scenario. The instructor will verbally inform the trainee of three specific radio failures. Trainee will conduct requirement items three and four for each of the failures given. All items will be completed IAW the references.

Prerequisite. QUAL-6204; COMM-2160; EQUIP-2210.

Instructor. BI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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CC-2440	4.0	(1460)	B,R	2	DASC	L
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Goal. Conduct the duties of a DASC Crew Chief during a passage of control.

Requirement. Given a scenario, supporting documentation, an operational DASC with echelon, and a passage of control checklist, with or without displacement and while passing or receiving control of airspace, demonstrate the ability to effectively conduct the following tasks while managing a DASC crew with an operational tempo of 2-4 sorties per hour and 2 immediate requests per hour (level 1 Operational Tempo):

1. Conduct pre watch brief, crew change brief and Debrief.
2. Manage Communication assets.
3. Extract critical information from supporting documents.
4. Maintain a log of significant events.
5. Review forms for completeness and accuracy.
6. Ensure information processed by the DASC is complete and accurate and routed to the appropriate agency.
7. Ensure situational displays are maintained accurately.
8. File all forms and conduct an operational summary daily.
9. Ensure equipment status reports are completed daily.
10. Ensure crewmembers are being trained and evaluated.
11. Conduct a passage of control as necessary.

Performance standard. Conduct duties of a Crew Chief in a safe, orderly, and expeditious manner to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) while a DASC passes or receives control of airspace.

Prerequisite. QUAL-6204; CC-2410, 2420, 2430, 2450; ACPM-8040, 8060.

Instructor. BI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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CC-2450	1.0	(*)	B			L
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Goal. Match appropriate available aviation assets with requests.

Requirement. Given a map, a list of aircraft with ordnance loads (flying and on strip alert), and ten immediate air support requests for

each of the following: Assault Support Request, Joint Tactical Air Strike Request, and a Casualty Evacuation form:

1. Assign appropriate aircraft to each immediate air support request.
2. Explain rationale for pairing of aircraft with request to evaluator(s).

Performance Standard. All requests are assigned to an appropriate aircraft and verbal explanation provided supports the decision to select that aircraft.

Prerequisite. QUAL-6204; ACAD-2004

Instructor. BI

Reference.

1. DASC Pocket Checklist
2. JP 1-02
3. MCWP 3-2, Aviation Operations
4. MCWP 3-25.5, DASC Handbook
5. MCWP 3-25.3, MACCS Handbook
6. MCRP 3-16.6A
7. MCRP 5-12C

11. DASC Chief (DC)

a. Purpose. To develop technical expertise and proficiency required for DASC employment, integration into the MACCS, coordination with elements of the MAGTF, and planning for and management of air support operations. At the conclusion of this stage of training individuals may be designated by the commanding officer as Direct Air Support Center (DASC) Chiefs.

b. Crew Requirement. DASC Detachment (multiple DASC Crews)

c. Academic Training. Complete ACPM-8080 prior to completing this stage of training.

d. Total Training Events. 9 events, 92 hours.

DC-2500	1.5	(*)	B	L
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Goal. Conduct DASC site selection/map survey.

Requirement. Given the references, a Table of Equipment (T/E) and/or Equipment Density List (EDL) and a general location, select a site that will support DASC operations and draw a site diagram accounting for the following considerations:

1. Identify environmental concerns that may affect DASC communication.
2. FSCC collocation/coordination.
3. Site security.
4. Camouflage and dispersion.
5. Trafficability.
6. Location of communications and support equipment.
7. Priority for equipment emplacement.
8. Echelon considerations.



9. Identify composition of the Pre-deployment site survey team.
10. Identify alternate sites.

Performance Standard. Perform the requirement items IAW the reference. Instructor will validate the site diagram supports the mission. The trainee will discuss with the instructor the reasoning for the following (instructors are encouraged to discuss site survey in depth with the trainee):

1. Determining factors in selecting the site.
2. Site limitations (if any).
3. How site will support mission requirements.

Prerequisite. QUAL-6205.

Instructor. WTI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook
4. TM 10576C-OI/1, Communication Interface System AN/MRQ-12(V)3
5. TM 10576D-OI, Communication Interface System AN/MRQ-12(V)4

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DC-2510	1.0	(*)	B	1	DASC	L
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Goal. Emplace a DASC.

Requirement. Given a site diagram with notation, at least one DASC crew, a DASC and communications and support equipment:

1. Emplace equipment with proper dispersion per the site diagram.
2. Establish site security.
3. Camouflage equipment and site.
4. Ensure emplacement of Communications and support equipment to facilitate DASC operations.

Performance Standard. Emplace a DASC IAW with the site diagram within one hour of arriving on site.

Prerequisite. QUAL-6205.

Instructor. WTI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook
4. TM 10576C-OI/1, Communication Interface System AN/MRQ-12(V)3
5. TM 10576D-OI, Communication Interface System AN/MRQ-12(V)4

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DC-2520	2.0	(*)	B			L
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Goal. Determine DASC Crew and support equipment for a mission.

Requirement. Given a scenario, determine crew size and crew responsibilities, and communications and support equipment required to accomplish the DASC mission taking into account the following considerations:

1. Size of MAGTF supported.
2. Operational hours and duration of operation/exercise.
3. Number of communications nets required.
4. Size of ACE / sortie rate.
5. Size of GCE / expected rate of immediate requests.
6. Digital backbone.
7. Use of automated systems.
8. Use of DASC extensions.
9. Echelon requirements

Performance Standard. Complete all requirement items IAW the references. Communicate a plan to configure a DASC to support the scenario. The trainee will provide verbal justification to the instructor.

Prerequisite. QUAL-6205

Instructor. WTI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook
3. MCWP 5-1, Marine Corps Planning Process (MCP)
4. MSTP Pamphlet 5-0.3, MAGTF Planner's Reference Manual
5. Chapter 1 of this Manual

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DC-2530	1.5	(*)	B	L
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Goal. State the procedures and challenges of DASC displacement operations.

Requirement. Given a scenario-based Tactical Decision Game (TDG):

1. Define DASC displacement operations.
2. Explain the steps of DASC displacement operations IAW the references.
3. Write a plan for the DASC to displace, annotate identified issues of concern.

Performance Standard.

1. Complete all the requirement items IAW the references. Instructor will discuss each item with the trainee. The written plan must support the scenario.
2. This event could include one to three individuals (including prospective DASC OICs) that work together to produce a product that demonstrates an understanding of how to conduct DASC echelon operations.

Prerequisite. QUAL-6205

Instructor. WTI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook
3. MCWP 5-1, Marine Corps Planning Process (MCPPE)
4. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
5. MAGTF Operations Ashore

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DC-2540	1.0	(*)	B	L
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Goal. State the procedures and challenges of Phasing Control Ashore.

Requirement. Given a scenario-based TDG, demonstrate the following skills:

1. Define phase control ashore.
2. Explain each step of phase control ashore.
3. Determine common issues of concern.
4. Write a plan to phase control ashore, annotate identified issues of concern.

Performance Standard.

1. Complete requirement items IAW the reference. Instructors will discuss each item with trainee. Written plan must support the scenario.
2. This event could include one to three individuals (including DASC Chiefs) that work together to produce a product that demonstrates an understanding of how to phase control ashore.

Prerequisite. QUAL-6205

Instructor. WTI

Reference.

1. MCWP 3-25.5, DASC Handbook
2. U-DASC-PCL-5532, DASC Pocket Checklist
3. MCWP 5-1, Marine Corps Planning Process (MCPPE)
4. MAGTF Operations Ashore
5. JP 3-02 Joint Doctrine for Amphibious Operations
6. MCO 3501.9B Marine Corps Combat Readiness Evaluation System

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DC-2550	80.0	(*)	B	L
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Goal. Create and execute a DASC Drill.

Requirement. Given a list of training objectives, plan, coordinate, and execute a DASC simulation to include:

1. Develop a scenario IAW training objectives.
2. Build a DASC drill to support the scenario; ensure the drill includes production key documents:
  - a. ATO/SPINS
  - b. ACO
  - c. OPORD, COMM Plan, ACP
  - d. Master Scenario Event List
3. Submit the scenario and DASC drill to the instructor.

4. Request required communications and support equipment
5. Identify crew composition
6. Oversee setup of the DASC and white cell
7. Ensure execution and evaluation of the scenario
8. Compile After-Action items

Performance Standard. Complete the requirement items IAW the references. Develop a scenario and supporting documents to attain unit training objectives and supervise the execution of the drill to conclusion. Prospective DASC OICs and DASC Chiefs may work together concurrently on this and both may receive credit. However, both must demonstrate an understanding of the requirement items.

Prerequisite. QUAL-6205

Instructor. WTI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook
3. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
4. MCWP 5-1, Marine Corps Planning Process (MCPPE)
5. MSTP Pamphlet 5-0.3, MAGTF Planner's Reference Manual

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DC-2560	2.0	(*)	B	L
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Goal. Determine communication assets to support the C2 mission.

Requirement. Given an Operations Order (OPORD):

1. Determine communication requirements for C2 mission.
2. List communication Principle End Items (PEI).
3. List required communications equipment ISO PEI (i.e., float, Bill of Material (BOM), Independent Cost Estimate (ICE), ancillary).
4. Submit the lists to the instructor for validation.

Performance Standard. Conduct the requirement items IAW the reference. Instructor will ensure the lists support the C2 mission in the OPORD.

Prerequisite. QUAL-6205

Instructor. WTI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook
3. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System

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DC-2565	2.0	(*)	B	L
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Goal. Build Equipment Density Lists (EDL) and packing lists.

Requirement. Given a scenario:

1. Define and state the purpose of an EDL.
2. Describe essential EDL contents.
3. Complete an EDL (consolidate Principal End Items (PEI) and submit to the instructor for review.
4. Define and state the purpose of a packing list.
5. Describe essential packing list contents.

Performance Standard. Conduct all the requirement items IAW the references. Instructor will validate the EDL and packing lists to ensure accuracy and that they support the scenario.

Prerequisite. QUAL-6205

Instructor. WTI

Reference.

1. MCRP 4-11.3G Unit Embarkation Handbook
2. Local SOP

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DC-2570	2.0	(*)	B	L
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Goal. Write a Bill of Material (BOM) request.

Requirement. Given a mission and required documents, write a BOM request.

1. State the purpose and process for submitting a BOM request.
2. Collect requests from squadron sections
3. Consolidate required materials into a BOM request.
4. Verify the request is sufficient to support 24 hour operations and for the length of the mission.
5. Submit the BOM to the instructor for validation.

Performance Standard. Complete the required items IAW the reference. Instructor will validate the BOM request is sufficient to support the mission length.

Prerequisite. QUAL-6205

Instructor. WTI

Reference. MCO P4400.150E w/erratum Ch 1-2 consumer-level supply policy manual

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DC-2575	1.0	(*)	B	L
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Goal. Verify equipment is packed for embark.

Requirement. Given an Equipment Density List (EDL), packing list, and embarked equipment:

1. Verify the packing lists support the EDL.
2. Verify SL-3 and Limited Technical Inspections (LTI) have been conducted.

3. Verify embarked equipment is packed properly.

Performance Standard. Conduct all the requirement items IAW the references.

Prerequisite. QUAL-6205

Instructor. WTI

Reference.

1. MCRP 4-11.3G Unit Embarkation Handbook
2. Local SOP

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DC-2580	1.0	(*)	B			L
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Goal. Understand physical security requirements.

Requirement. Define and explain the purpose of the following:

1. Guard schedule.
2. Entry Control Points (ECP).
3. Access rosters.
4. Personnel security clearances.
5. Placement of communication lines.

Performance Standard. Perform the requirement items IAW the reference and without error.

Prerequisite. QUAL-6205

Instructor. WTI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook
3. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System

## 12. Familiarization (FAM)

a. Purpose. To facilitate the understanding of DASC operations through the familiarization with and observation of agencies/ organizations external to the DASC involved in aviation operations.

b. Admin Notes. Familiarization events are intended to complement the ACPM MACCS (8000) and MAGTF (8060) stages. Each event is to be conducted as a tour of an operational facility under the guidance of a DASC SI or appropriate agency equivalent.

c. Total Training Events. 4 events, 8 hours

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FAM-2600	2.0	(*)	B	1	TACP	L
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Goal. Observe a Tactical Air Control Party (TACP).

Requirement. While observing a TACP in a field environment demonstrate knowledge of the positions, equipment, and operations.

Performance Standard. Complete a tour of a TACP.

Prerequisite. ACPM-8001, 8003, 8023

Instructor. SI.

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FAM-2610	2.0	(*)	B	1	TACC	L
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Goal. Observe a TACC COPS.

Requirement. While observing a TACC COPS, demonstrate knowledge of the positions, equipment and operations.

Performance Standard. Complete a tour of a TACC COPS.

Prerequisite. ACPM-8001, 8002, 8003

Instructor. SI

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FAM-2620	2.0	(*)	B	1	UAS GCS	L
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Goal. Observe a VMU UAS Ground Control Station (GCS).

Requirement. While observing an operational UAS GCS demonstrate knowledge of the positions, equipment, and operations.

Performance Standard. Complete a tour of a VMU UAS site.

Prerequisite. ACPM-8001, 8003, 8007

Instructor. SI

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FAM-2630	2.0	(*)	B	1	FSCC	L
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Goal. Observe a Fire Support Coordination Center (FSCC).

Requirement. While observing an FSCC in a field environment demonstrate knowledge of the positions, equipment, and operations.

Performance Standard. Complete a tour of a FSCC.

Prerequisite. ACPM-8001, 8003, 8062

Instructor. SI.

### 13. Command and Control Systems (C2SYS)

a. Purpose. To develop proficiency in utilizing the command and control systems used in DASC operations.

b. Admin Notes. Command and control system events are located in the MAWTS-1 C3 Course Catalog in order to maintain standardized training across

the MACCS. The table below lists all C2SYS events that are to be completed by DASC personnel position dependent. See the MAWTS-1 C3 Course Catalog for the events listed in the table below.

c. Total Training Events. 13 events, 27.50 hours.

EVENT CODE	EVENT NAME	POSITION	PRE-REQS
C2SYS-2900	Set up profile on TBMCS client	PLOT, TRHR, TCDS	
C2SYS-2901	Access TBMCS on line master help index	PLOT, TRHR, TCDS	2900
C2SYS-2902	Utilize the TBMCS alerts service web application	PLOT, TRHR, TCDS	2901
C2SYS-2903	Operate Map Manager	PLOT	2902
C2SYS-2904	Operate Web Mapping	PLOT	2902
C2SYS-2905	Utilize the air tasking order airspace control order tool	TCDS	2902
C2SYS-2909	Operate FSTAT	TCDS	2902
C2SYS-2910	Operate ESTAT	TCDS, PLOT	2902
C2SYS-2911	Operate WARP	TCDS, TRHR	2902
C2SYS-2913	Import an airspace group	PLOT	2902
C2SYS-2920	Operate AFATDS	FSC	
C2SYS-2921	Operate C2PC	PLOT	
C2SYS-2940	IRC	PLOT, TRHR, TCDS, FSC, CC	

311. MISSION SKILL TRAINING (3000)

1. General

a. Purpose. Mission Skill training consists of advanced events that provide training on processes within the DASC and develop the trainee's ability to perform their duties as a member of a DASC crew while conducting DASC operations. Once required Mission Skills are completed, the trainee may be recommended to proceed to qualification evaluation or designation.

b. Prerequisite. Complete all Core Skill events required for the respective crew position.

c. Stages

1. Plotting (PLOT)
2. Air Requests (TRHR)
3. TAC/DAS (TCDS)
4. Firs Support Coordination (FSC)
5. Crew Chief (CC)

2. Plotting (PLOT)

a. Purpose. To develop proficiency in maintaining the situational displays used in air support operations.

b. Prerequisite. PLOT-2300, 2305

c. Admin Notes. Upon completion of this portion of the training



syllabus the Air Support Operations Operator will have attained all skills required to be considered a mission skill proficient plotter.

d. Total Training Events. 5 events 20 hours

PLOT-3000	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a DASC Plotter in a live/virtual DASC. Level 1 operational tempo.

Requirement. Given a DASC, perform as a Main Board Plotter and a fixed-wing or rotary-wing plotter with an operational tempo of 2-4 sorties per hour and 2 immediate requests per hour and demonstrate the ability to:

1. Find four, six and eight digit MGRS coordinates.
2. Find Lat/Long Coordinates.
3. Plot military symbology.
4. Track and display the execution of the ATO.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. PLOT 2300, 2305.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

PLOT-3005	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a DASC Plotter in a live/virtual DASC. Level 2 operational tempo.

Requirement. Given a DASC, perform as a Main Board Plotter and a fixed-wing or rotary-wing plotter with an operational tempo of 4-6 sorties, 3 immediate requests, 2 fire missions per hour, and demonstrate the ability to:

1. Find four, six and eight digit MGRS coordinates.
2. Find Lat/Long Coordinates.
3. Plot military symbology.
4. Track and display the execution of the ATO.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. PLOT 3000.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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PLOT-3010	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a DASC Plotter in a live/virtual DASC. Level 3 operational tempo.

Requirement. Given a DASC, perform as a Main Board Plotter and a fixed-wing or rotary-wing plotter with an operational tempo of 6-8 sorties, 4 immediate requests, 3 fire missions per hour, and demonstrate the ability to:

1. Find four, six and eight digit MGRS coordinates.
2. Find Lat/Long Coordinates.
3. Plot military symbology.
4. Track and display the execution of the ATO.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. PLOT 3005.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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PLOT-3015	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a DASC Plotter in a live/virtual DASC. Level 4 operational tempo.

Requirement. Given a DASC, perform as a Main Board Plotter and a fixed-wing or rotary-wing plotter with an operational tempo of 8-12 sorties, 5 immediate requests, 3 fire missions per hour, and demonstrate the ability to:

1. Find four, six and eight digit MGRS coordinates.
2. Find Lat/Long Coordinates.
3. Plot military symbology.
4. Track and display the execution of the ATO.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. PLOT 3010.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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PLOT-3020	4.0	(1095)	B,R	1	DASC	L
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Goal. Perform the duties and responsibilities of the Plotter in a live/virtual DASC. Level 5 operational tempo.

Requirement. Given a DASC, perform as a Main Board Plotter and a fixed-wing or rotary-wing plotter with an operational tempo of 10-14 sorties, 6 immediate requests, 5 fire missions per hour, and demonstrate the ability to:

1. Find four, six and eight digit MGRS coordinates.
2. Find Lat/Long Coordinates.
3. Plot military symbology.
4. Track and display the execution of the ATO.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. PLOT 3015.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

3. Air Requests (TRHR)

a. Purpose. To develop proficiency in receiving and processing requests for immediate direct air support.

b. Admin Notes. Upon completion of this portion of the training syllabus the Air Support Operations Operator will have attained all skills required to be considered a mission skill proficient Tactical Air Request/Helicopter Request net operator.

c. Total Training Events. 5 events, 20 hours.

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TRHR-3025	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a TAR/HR Net Operator in a live/virtual DASC. Level 1 operational tempo.

Requirement. Given a DASC, perform as a TAR/HR Net operator with an operational tempo of 2-4 sorties, 2 immediate requests, and demonstrate the ability to:

1. Receive and process immediate requests (JTAR, ASR, MEDEVAC), pass request numbers and complete forms.
2. Pass mission data.
3. Receive/pass Battle Damage Assessments (BDAs).
4. Pass Air Defense Warning Condition/Weapons Control Status.
5. Pass Threat updates.
6. Authenticate/Encrypt/Decrypt, as required.
7. Perform Crew Brief, changeover brief and debrief.
8. Maintain crew position log.
9. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. TRHR 2315.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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TRHR-3030	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a TAR/HR Net Operator in a live/virtual DASC. Level 2 operational tempo.

Requirement. Given a DASC, perform as a TAR/HR operator with an operational tempo of 4-6 sorties, 3 immediate requests, 2 fire missions, and demonstrate the ability to:

1. Receive and process immediate requests (JTAR, ASR, MEDEVAC), pass request numbers and complete forms.
2. Pass mission data.
3. Receive/pass Battle Damage Assessments (BDAs).
4. Pass Air Defense Warning Condition/Weapons Control Status.
5. Pass Threat updates.
6. Authenticate/Encrypt/Decrypt, as required.
7. Perform Crew Brief, changeover brief and debrief.
8. Maintain crew position log.
9. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. TRHR 3025.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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TRHR-3035	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a TAR/HR Net Operator in a live/virtual DASC. Level 3 operational tempo.

Requirement. Given a DASC, perform as a TAR/HR operator with an operational tempo of 6-8 sorties, 4 immediate requests, 2 fire missions, and demonstrate the ability to:

1. Receive and process immediate requests (JTAR, ASR, MEDEVAC), pass request numbers and complete forms.
2. Pass mission data.
3. Receive/pass Battle Damage Assessments (BDAs).
4. Pass Air Defense Warning Condition/Weapons Control Status.
5. Pass Threat updates.
6. Authenticate/Encrypt/Decrypt, as required.
7. Perform Crew Brief, changeover brief and debrief.
8. Maintain crew position log.
9. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. TRHR 3030.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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TRHR-3040	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a TAR/HR Net Operator in a live/virtual DASC. Level 4 operational tempo.

Requirement. Given a DASC, perform as a TAR/HR operator with an operational tempo of 8-12 sorties, 5 immediate requests, 4 fire missions, and demonstrate the ability to:

1. Receive and process immediate requests (JTAR, ASR, MEDEVAC), pass request numbers and complete forms.
2. Pass mission data.
3. Receive/pass Battle Damage Assessments (BDAs).
4. Pass Air Defense Warning Condition/Weapons Control Status.
5. Pass Threat updates.
6. Authenticate/Encrypt/Decrypt, as required.
7. Perform Crew Brief, changeover brief and debrief.
8. Maintain crew position log.
9. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. TRHR 3035.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

TRHR-3045	4.0	(1095)	B,R	1	DASC	L
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Goal. Perform the duties and responsibilities of a TAR/HR Net Operator in a live/virtual DASC. Level 5 operational tempo.

Requirement. Given a DASC, perform as a TAR/HR operator with an operational tempo of 10-14 sorties, 6 immediate requests, 5 fire missions, and demonstrate the ability to:

1. Receive and process immediate requests (JTAR, ASR, MEDEVAC), pass request numbers and complete forms.
2. Pass mission data.
3. Receive/pass Battle Damage Assessments (BDAs).
4. Pass Air Defense Warning Condition/Weapons Control Status.
5. Pass Threat updates.
6. Authenticate/Encrypt/Decrypt, as required.
7. Perform Crew Brief, changeover brief and debrief.
8. Maintain crew position log.
9. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. TRHR-3040.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

4. Direct Air Support (TCDS)

a. Purpose. Develop proficiency in coordinating direct air support with the TACC and other MACCS agencies.

b. Admin Note. Upon completion of this portion of the training syllabus the Air Support Operations Operator will have attained all skills required to be considered a mission skill proficient Tactical Air Command/Direct Air Support Net Operator.

c. Total Training Events. 5 events, 20 hours

TCDS-3050	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a TAC/DAS Net Operator in a live/virtual DASC. Level 1 operational tempo.

Requirement. Given a DASC perform as a TAC/DAS Net Operator with an operational tempo of 2-4 sorties, 2 immediate requests, and demonstrate the ability to:

1. Read and understand USMTF Air Tasking Order (ATO).
2. Receive/request changes to ATO/Frag/SPINS.
3. Receive/request changes to ACO.
4. Pass friendly & enemy information.
5. Pass BDA/Mission Report (MISPREP)/In Flight Report (IFREP).
6. Receive Air Defense Warning Condition/Weapons Control Status (ADWC/WCS).
7. Receive/request threat information.
8. Receive and pass weather updates & Pilot Reports (PIREPs).
9. Receive/ request status of Forward Operation Bases (FOBs) and airfields.
10. Requests for immediate air support.
11. Pass a DASC Equipment Status report.
12. Perform Crew Brief, changeover brief and debrief.
13. Maintain crew position log.
14. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. PLOT 2305, TCDS 2325.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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TCDS-3055	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a TAC/DAS Net Operator in a live/virtual DASC. Level 2 operational tempo

Requirement. Given a DASC perform as a TAC/DAS Net Operator with an operational tempo of 4-6 sorties, 3 immediate requests, 2 fire missions, and demonstrate the ability to:

1. Read and understand USMTF Air Tasking Order (ATO).
2. Receive/request changes to ATO/Frag/SPINS.
3. Receive/request changes to ACO.
4. Pass friendly & enemy information.
5. Pass BDA/Mission Report (MISPREP)/In Flight Report (IFREP).
6. Receive Air Defense Warning Condition/Weapons Control Status (ADWC/WCS).
7. Receive/request threat information.
8. Receive and pass weather updates & Pilot Reports (PIREPs).
9. Receive/ request status of Forward Operation Bases (FOBs) and airfields.
10. Requests for immediate air support.
11. Pass a DASC Equipment Status report.
12. Perform Crew Brief, changeover brief and debrief.
13. Maintain crew position log.
14. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. TCDS-3050.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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TCDS-3060	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a TAC/DAS Net Operator in a live/virtual DASC. Level 3 operational tempo.

Requirement. Given a DASC perform as a TAC/DAS Net Operator with an operational tempo of 6-8 sorties, 4 immediate requests, 3 fire



missions, and demonstrate the ability to:

1. Read and understand USMTF Air Tasking Order (ATO).
2. Receive/request changes to ATO/Frag/SPINS.
3. Receive/request changes to ACO.
4. Pass friendly & enemy information.
5. Pass BDA/Mission Report (MISPREP)/In Flight Report (IFREP).
6. Receive Air Defense Warning Condition/Weapons Control Status (ADWC/WCS).
7. Receive/request threat information.
8. Receive and pass weather updates & Pilot Reports (PIREPs).
9. Receive/ request status of Forward Operation Bases (FOBs) and airfields.
10. Requests for immediate air support.
11. Pass a DASC Equipment Status report.
12. Perform Crew Brief, changeover brief and debrief.
13. Maintain crew position log.
14. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. TCDS-3055.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

TCDS-3065	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of a TAC/DAS Net Operator in a live/virtual DASC. Level 4 operational tempo.

Requirement. Given a DASC perform as a TAC/DAS Net Operator with an operational tempo of 8-12 sorties, 5 immediate requests, 4 fire missions, and demonstrate the ability to:

1. Read and understand USMTF Air Tasking Order (ATO).
2. Receive/request changes to ATO/Frag/SPINS.
3. Receive/request changes to ACO.
4. Pass friendly & enemy information.
5. Pass BDA/Mission Report (MISPREP)/In Flight Report (IFREP).
6. Receive Air Defense Warning Condition/Weapons Control Status (ADWC/WCS).
7. Receive/request threat information.
8. Receive and pass weather updates & Pilot Reports (PIREPs).
9. Receive/ request status of Forward Operation Bases (FOBs) and airfields.
10. Requests for immediate air support.
11. Pass a DASC Equipment Status report.

12. Perform Crew Brief, changeover brief and debrief.
13. Maintain crew position log.
14. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. TCDS-3060.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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TCDS-3070	4.0	(1095)	B,R	1	DASC	L
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Goal. Perform the duties and responsibilities of a TAC/DAS Net Operator in a live/virtual DASC. Level 5 operational tempo.

Requirement. Given a DASC perform as a TAC/DAS Net Operator with an operational tempo of 10-14 sorties, 6 immediate requests, 5 fire missions, and demonstrate the ability to:

1. Read and understand USMTF Air Tasking Order (ATO).
2. Receive/request changes to ATO/Frag/SPINS.
3. Receive/request changes to ACO.
4. Pass friendly & enemy information.
5. Pass BDA/Mission Report (MISPREP)/In Flight Report (IFREP).
6. Receive Air Defense Warning Condition/Weapons Control Status (ADWC/WCS).
7. Receive/request threat information.
8. Receive and pass weather updates & Pilot Reports (PIREPs).
9. Receive/ request status of Forward Operation Bases (FOBs) and airfields.
10. Requests for immediate air support.
11. Pass a DASC Equipment Status report.
12. Perform Crew Brief, changeover brief and debrief.
13. Maintain crew position log.
14. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. TCDS-3065.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

5. Fire Support Coordination (FSC)

a. Purpose. To develop proficiency in the integration of aircraft employment with other supporting arms.

b. General. Upon completion of this portion of the training syllabus the Air Support Operations Operator will have attained all skills required to be considered a mission skill proficient Fire Support Coordination net operator.

c. Admin Notes.

d. Total Training Events. 5 events, 20 hours.

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FSC-3075	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of an FSC Net Operator in a live/virtual DASC. Level 1 operational tempo.

Requirement. Given a DASC perform as an FSC Net Operator with an operational tempo of 2-4 sorties, 2 immediate requests, and demonstrate the ability to:

1. Pass/receive friendly and enemy information.
2. Receive Fire Support positions, fire mission data and status.
3. Receive changes to Friendly Scheme of Maneuver
4. Process changes to Fire Support Coordination measures.
5. Pass and receive requests for changes to ATO/ACO/Frag/SPINS.
6. Pass/receive aircraft mission status.
7. Perform Crew Brief, changeover brief and debrief.
8. Maintain crew position log.
9. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. FSC-2335, 2340.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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FSC-3080	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of an FSC Net Operator

in a live/virtual DASC. Level 2 operational tempo.

Requirement. Given a DASC perform as an FSC Net Operator with an operational tempo of 4-6 sorties, 3 immediate requests, 2 fire missions, and demonstrate the ability to:

1. Pass/receive friendly and enemy information.
2. Receive Fire Support positions, fire mission data and status.
3. Receive changes to Friendly Scheme of Maneuver
4. Process changes to Fire Support Coordination measures.
5. Pass and receive requests for changes to ATO/ACO/Frag/SPINS.
6. Pass/receive aircraft mission status.
7. Perform Crew Brief, changeover brief and debrief.
8. Maintain crew position log.
9. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. FSC-3075.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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FSC-3085	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of an FSC Net Operator in a live/virtual DASC. Level 3 operational tempo.

Requirement. Given a DASC perform as an FSC Net Operator with an operational tempo of 6-8 sorties, 4 immediate requests, 3 fire missions, and demonstrate the ability to:

1. Pass/receive friendly and enemy information.
2. Receive Fire Support positions, fire mission data and status.
3. Receive changes to Friendly Scheme of Maneuver
4. Process changes to Fire Support Coordination measures.
5. Pass and receive requests for changes to ATO/ACO/Frag/SPINS.
6. Pass/receive aircraft mission status.
7. Perform Crew Brief, changeover brief and debrief.
8. Maintain crew position log.
9. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. FSC-3080.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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FSC-3090	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of an FSC Net Operator in a live/virtual DASC. Level 4 operational tempo.

Requirement. Given a DASC perform as an FSC Net Operator with an operational tempo of 8-12 sorties, 5 immediate requests, 4 fire missions, and demonstrate the ability to:

1. Pass/receive friendly and enemy information.
2. Receive Fire Support positions, fire mission data and status.
3. Receive changes to Friendly Scheme of Maneuver
4. Process changes to Fire Support Coordination measures.
5. Pass and receive requests for changes to ATO/ACO/Frag/SPINS.
6. Pass/receive aircraft mission status.
7. Perform Crew Brief, changeover brief and debrief.
8. Maintain crew position log.
9. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. FSC-3085.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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FSC-3095	4.0	(1095)	B,R	1	DASC	L
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Goal. Perform the duties and responsibilities of an FSC Net Operator in a live/virtual DASC. Level 5 operational tempo.

Requirement. Given a DASC perform as an FSC Net Operator with an operational tempo of 10-14 sorties, 6 immediate requests, 5 fire missions, and demonstrate the ability to:

1. Pass/receive friendly and enemy information.
2. Receive Fire Support positions, fire mission data and status.

3. Receive changes to Friendly Scheme of Maneuver
4. Process changes to Fire Support Coordination measures.
5. Pass and receive requests for changes to ATO/ACO/Frag/SPINS.
6. Pass/receive aircraft mission status.
7. Perform Crew Brief, changeover brief and debrief.
8. Maintain crew position log.
9. Use R/T procedures.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Prerequisite. FSC-3090, FAM-2630.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

6. Crew Chief (CC)

a. Purpose. To develop proficiency in crew and system management involved in direct air support operations. At the completion of this stage of training, individuals will be recommended for qualification as a DASC Crew Chief.

b. Crew Requirement. Core capable DASC Crew

c. Academic Training. Complete ACPM-8000, 8020, 8040, and 8060 prior to completion of this stage.

d. Total Training Events. 5 events 20 hours

CC-3100	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of the DASC Crew Chief in a live/virtual DASC. Level 1 operational tempo.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive), demonstrate the ability to apply skills acquired during the Core Skill training while managing a DASC Crew. Specifically, manage a crew and associated systems with an operational tempo of 2-4 sorties per hour and 2 immediate requests per hour. Under direct observation and in compliance with established evaluation criteria:

1. Conduct pre watch brief, crew change brief and debrief.
2. Manage Communication assets.
3. Extract critical information from supporting documents.
4. Maintain a significant event log.
5. Review forms for completeness and accuracy.

6. Ensure information processed by the DASC is complete and accurate and routed to the appropriate agency.
7. Ensure situational displays are maintained accurately.
8. File all forms and conduct an operational summary daily.
9. Ensure equipment status reports are completed daily.
10. Ensure crewmembers are being trained and evaluated.
11. Conduct a passage of control as necessary.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

*Note: CC-2400 (CBRN) and CC-2440 (pass control) events can be performed concurrently with this event. However, the performance standard for each event must be met and documented in a separate evaluation form.*

Prerequisite. QUAL-6204, ACAD-2001, 2004, CC-2410, 2420, 2430, 2450

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

CC-3105	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of the DASC Crew Chief in a live/virtual DASC. Level 2 operational tempo.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive), demonstrate the ability to apply skills acquired during the Core Skill training while managing a DASC Crew. Specifically, manage a crew and associated systems with an operational tempo of 4-6 sorties per hour, 3 immediate requests per hour, and 2 fires missions per hour. Under direct observation and in compliance with established evaluation criteria:

1. Conduct pre watch brief, crew change brief and debrief.
2. Manage Communication assets.
3. Extract critical information from supporting documents.
4. Maintain a significant event log.
5. Review forms for completeness and accuracy.
6. Ensure information processed by the DASC is complete and accurate and routed to the appropriate agency.
7. Ensure situational displays are maintained accurately.
8. File all forms and conduct an operational summary daily.
9. Ensure equipment status reports are completed daily.
10. Ensure crewmembers are being trained and evaluated.
11. Conduct a passage of control as necessary.

Performance Standard. Perform the requirement to a proficient level

(correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

*Note: CC-2400 (CBRN) and CC-2440 (pass control) events can be performed concurrently with this event. However, the performance standard for each event must be met and documented in a separate evaluation form.*

Prerequisite. CC-3100.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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CC-3110	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of the DASC Crew Chief in a live/virtual DASC. Level 3 operational tempo.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive), demonstrate the ability to apply skills acquired during the Core Skill training while managing a DASC Crew. Specifically, manage a crew and associated systems with an operational tempo of 6-10 sorties per hour, 4 immediate requests every hour, and 3 fires missions per hour. Under direct observation and in compliance with established evaluation criteria:

1. Conduct pre watch brief, crew change brief and debrief.
2. Manage Communication assets.
3. Extract critical information from supporting documents.
4. Maintain a significant event log.
5. Review forms for completeness and accuracy.
6. Ensure information processed by the DASC is complete and accurate and routed to the appropriate agency.
7. Ensure situational displays are maintained accurately.
8. File all forms and conduct an operational summary daily.
9. Ensure equipment status reports are completed daily.
10. Ensure crewmembers are being trained and evaluated.
11. Conduct a passage of control as necessary.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

*Note: CC-2400 (CBRN) and CC-2440 (pass control) events can be performed concurrently with this event. However, the performance standard for each event must be met and documented in a separate evaluation form.*



Prerequisite. CC-3105.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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CC-3115	4.0	(*)	B	1	DASC	L
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Goal. Perform the duties and responsibilities of the DASC Crew Chief in a live/virtual DASC. Level 4 operational tempo.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive), demonstrate the ability to apply skills acquired during the Core Skill training while managing a DASC Crew. Specifically, manage a crew and associated systems with an operational tempo of 8-12 sorties per hour, 5 immediate requests per hour, and 4 fires missions per hour. Under direct observation and in compliance with established evaluation criteria:

1. Conduct pre watch brief, crew change brief and debrief.
2. Manage Communication assets.
3. Extract critical information from supporting documents.
4. Maintain a significant event log.
5. Review forms for completeness and accuracy.
6. Ensure information processed by the DASC is complete and accurate and routed to the appropriate agency.
7. Ensure situational displays are maintained accurately.
8. File all forms and conduct an operational summary daily.
9. Ensure equipment status reports are completed daily.
10. Ensure crewmembers are being trained and evaluated.
11. Conduct a passage of control as necessary.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

*Note: CC-2400 (CBRN) and CC-2440 (pass control) events can be performed concurrently with this event. However, the performance standard for each event must be met and documented in a separate evaluation form.*

Prerequisite. CC-3110.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

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CC-3120	4.0	(1095)	B,R	1	DASC	L
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Goal. Perform the duties and responsibilities of the DASC Crew Chief in a live/virtual DASC. Level 4 operational tempo.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive), demonstrate the ability to apply skills acquired during the Core Skill training while managing a DASC Crew. Specifically, manage a crew and associated systems with an operational tempo of 10-14 sorties per hour, 6 immediate requests per hour, and 5 fires missions per hour. Under direct observation and in compliance with established evaluation criteria:

1. Conduct pre watch brief, crew change brief and debrief.
2. Manage Communication assets.
3. Extract critical information from supporting documents.
4. Maintain a significant event log.
5. Review forms for completeness and accuracy.
6. Ensure information processed by the DASC is complete and accurate and routed to the appropriate agency.
7. Ensure situational displays are maintained accurately.
8. File all forms and conduct an operational summary daily.
9. Ensure equipment status reports are completed daily.
10. Ensure crewmembers are being trained and evaluated.
11. Conduct a passage of control as necessary.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

*Note: CC-2400 (CBRN) and CC-2440 (pass control) events can be performed concurrently with this event. However, the performance standard for each event must be met and documented in a separate evaluation form.*

Prerequisite. CC-3115; ACPM-8000, 8020, 8040, 8060.

Instructor. SI

Reference.

1. U-DASC-PCL-5532, DASC Pocket Checklist
2. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
3. MCWP 3-25.5, DASC Handbook

## 5. DASC Chief

a. Purpose. To develop combat leaders with the technical expertise and proficiency in DASC employment, integration into the MACCS and coordination with elements of the MAGTF, and planning for and management of air support operations. At the conclusion of this stage of training individuals will be eligible to be designated by the commanding officer as a Direct Air Support Center (DASC) Chief.

- b. Admin Notes. None.
- c. Crew Requirement. DASC Detachment (multiple DASC Crews)
- d. Academic Training. ACPM 8000, 8020, 8040, 8060, 8080 are required to be completed prior to being eligible for designation therefore it is highly encouraged that the trainee work to complete all ACPM stages prior to completing this stage of training.
- e. Refresher Training. None.
- f. Total Training Events. 1 events, 8.0 hours.

DC-3200	8.0	(7300)	B,R	1	DASC	L
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Goal. Conduct the duties of a DASC Chief during a field deployment/exercise.

Requirement. Given a Warning Order, Deployment Order and/or MCTEEP Exercise, a T/O and T/E, and other planning documents plan for and execute a MEB or MEF-level DASC deployment of at least five (5) days in length. Conduct planning and supervise execution to include the following items:

1. Conduct Mission Analysis
2. Review OPORDs and Concept of Operations
3. Identify logistics/personnel and equipment requirements for a DASC
4. Conduct a site selection/survey
5. Review Communications plan, ACEOI & Guard Chart
6. Produce LOI. Identify or create:
  - a. Training Objectives
  - b. Personnel Roster
  - c. Equipment Density List/Bill of Materials (BOM) Request
  - d. DASC Comm Connectivity Diagram
7. Coordinate with external agencies as required
  - a. Inter Squadron
  - b. MACCS Agencies
  - c. Fire Support Coordination Center (FSCC) & GCE
  - d. Joint C4I Agencies
  - e. Patient Evaluation Team (PET)
8. Final Confirmation Brief/Operations Brief
9. Conduct gear/equipment inspection and embarkation
10. Maintain accountability of DASC personnel
11. Ensure physical security of classified areas.
12. Supervise training of DASC personnel
13. Compile After-Action items

Performance Standard. Conduct this event in compliance with local training guides, SOP and governing directives. This event can be completed locally as the execution phases of DC-2550 provided the DASC Drill incorporates movement away from the Squadron.

Prerequisite. QUAL-6205; DC-2500, 2510, 2520, 2530, 2550, 2560, 2565, 2570, 2575, 2580. MarineNet Courses: Logistics Planning Considerations (0401AO) and Communications Plans and Orders (2540)

Instructor. DASC WTI.

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook
3. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
4. MCWP 5-1, Marine Corps Planning Process (MCPPE)
5. MSTP Pamphlet 5-0.3, MAGTF Planner's Reference Manual
6. MCRP 3-0A, Unit Training Management (UTM) Guide
7. MCRP 3-0B, How to Conduct Training

312. CORE PLUS TRAINING (4000)

1. General

a. Purpose. Core Plus Skills are intended to train the individual to utilize the tools, systems and/or procedures which have a low probability of execution or are theater specific.

b. Stages.

1. Procedural Control (CTRL)
2. Helicopter Director (HLDR)
3. Tactical Director (TADR)
4. Familiarization (FAM)

2. Procedural Control (CNTRL)

a. Purpose. To develop proficiency in procedurally controlling manned and unmanned aircraft.

b. Admin Notes. Live or notional aircraft are acceptable.

c. Academic Training. ACPM 8000, 8020, 8040

d. Total Training Events. 4 events, 12 hours.

CTRL-4010	4.0	(*)	B	1	DASC	L
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Goal. Level 1 - Control FW or RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC, (live or virtual) with a low operational tempo, conduct the duties of a DASC Helicopter Director or Tactical Air Director. The instructor shall first demonstrate the duties and responsibilities of the position. The trainee will then demonstrate the ability to effectively conduct the following tasks while performing as a member of a DASC crew.

1. Conduct an HD or TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft

5. Divert the aircraft
6. Maintain a complete and accurate logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 1-2 sorties per hour and 1 immediate request per hour.

Prerequisite. QUAL-6204, CC-2410

Instructor. SI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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CTRL-4020	4.0	(*)	B	1	DASC	L
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Goal. Level 2 - Control FW or RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC, (live or virtual) with increased operational tempo, conduct the duties of a DASC Helicopter Director or Tactical Air Director.

1. Conduct an HD or TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 2-3 sorties per hour and 3 immediate requests per hour.

Prerequisite. CTRL-4010

Instructor. SI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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CTRL-4030	4.0	(7300)	B,R	E	1	DASC	L
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Goal. Level 3 - Control FW or RW aircraft.

Requirement. In a live or virtual DASC with increased operational tempo;

Given a scenario, supporting documentation, an operational DASC,

(live, virtual or constructive), conduct the duties of a DASC Helicopter Director or Tactical Air Director.

1. Conduct an HD or TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 3-5 sorties per hour and 4 immediate requests per hour.

Prerequisite. CTRL-4020

Instructor. SI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

				DASC w/MOPP		
CTRL-4040	4.0	(*)	B	1	GEAR	L

Goal. Conduct Tactical Air Director (TAD) or Helicopter Director (HD) duties in a Chemical Biological Radiological Nuclear (CBRN) environment.

Requirement. Given an operational DASC and while in MOPP-IV performing as a TAD or HD:

1. Conduct an HD or TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Conduct TAD or HD duties in a CBRN environment by completing the requirement items IAW the reference. The instructor may provide minimal guidance.

Prerequisite. CTRL-4030.

Instructor. BI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist
3. FM 11-1 NBC Operations

3. Helicopter Director (HLDR)

a. Purpose. . To develop proficiency in procedurally controlling manned and unmanned aircraft.

b. Admin Notes.

(1) Upon completion of this portion of the training syllabus the Air Support Operations Operator will have attained all skills required to be considered a Mission Skill proficient DASC Helicopter Director (HD).

(2) Live or notional aircraft are acceptable.

c. Crew Requirement. A core capable DASC crew.

d. Academic Training. ACPM 8000, 8020, and 8040 are required to be eligible for TAD qualification; therefore highly recommend ACPM requirements be completed prior to completing this stage of training.

e. Total Training Events. 5 events, 20 hours.

HLDR-4100	4.0	(*)	B	1	DASC	L
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Goal. Level 1 - Control RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive) with increased operational tempo, conduct the duties of a DASC HD to include:

1. Conduct an HD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate HD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 1-2 sorties per hour and 2 immediate requests per hour.

Prerequisite. CTRL-4010, QUAL-6204.

Instructor. BI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

HLDR-4110	4.0	(*)	B	1	DASC	L
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Goal. Level 2 - Control RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC, higher, adjacent, and subordinate elements (live, virtual or constructive) with increased operational tempo, introduce IRC and conduct the duties of a DASC HD to include:

1. Conduct an HD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate HD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 2-3 sorties per hour and 3 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Prerequisite. HLDR-4100.

Instructor. BI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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HLDR-4120	4.0	(*)	B	1	DASC	L
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Goal. Level 3 - Control RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct the duties of a DASC HD to include:

1. Conduct an HD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate HD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 3-5 sorties per hour and 4 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Prerequisite. HLDR-4110.

Instructor. BI



Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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HLDR-4130	4.0	1460	B,R	E	1	DASC	L
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Goal. Level 4 - Control RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct the duties of a DASC HD, to include:

1. Conduct an HD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate HD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 4-6 sorties per hour and 5 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Prerequisite. HLDR-4120.

Instructor. SI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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HLDR-4140	4.0	1095	B,R	E	1	DASC	L
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Goal. Level 5 - Control RW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct the duties of a DASC HD, to include:

1. Conduct an HD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate HD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 5-7 sorties per hour and 6 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMS in the DASC controlled airspace.

Prerequisite. HLDR-4130.

Instructor. SI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

#### 4. Tactical Director (TADR)

a. Purpose. To develop proficiency in procedurally controlling manned and unmanned aircraft.

b. Admin Notes.

(1) Upon completion of this portion of the training syllabus the Air Support Operations Operator will have attained all skills required to be considered a Mission Skill proficient DASC Tactical Air Director (TAD).

(2) Live or notional aircraft are acceptable.

c. Crew Requirement. A core capable DASC crew.

d. Academic Training. ACPM 8000, 8020, and 8040 are required to be eligible for TAD qualification; therefore highly recommend ACPM requirements be completed prior to completing this stage of training.

e. Total Training Events. 5 events, 20 hours.

TADR-4200	4.0	(*)	B	E	1	DASC	L
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Goal. Level 1 - Control FW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive) conduct the duties of a DASC TAD to include:

1. Conduct a TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate TAD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 1-2 sorties per hour and 2 immediate requests per hour.

Prerequisite. CTRL-4010, QUAL-6204.

Instructor. BI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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TADR-4210	4.0	(*)	B	E	1	DASC	L
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Goal. Level 2 - Control FW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo and introduces IRC, (live, virtual or constructive) with higher, adjacent, and subordinate elements, introduce IRC and conduct the duties of a DASC TAD to include:

1. Conduct a TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate TAD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 2-3 sorties per hour and 3 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Prerequisite. TADR-4200.

Instructor. BI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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TADR-4220	4.0	(*)	B	E	1	DASC	L
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Goal. Level 3 - Control FW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct the duties of a DASC TAD to include:

1. Conduct a TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft

5. Divert the aircraft
6. Maintain a complete and accurate TAD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 3-5 sorties per hour and 4 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Prerequisite. TADR-4210.

Instructor. BI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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TADR-4230	4.0	1460	B,R	E	1	DASC	L
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Goal. Level 4 - Control FW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct the duties of a DASC TAD to include:

1. Conduct a TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate TAD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 4-6 sorties per hour and 5 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMs in the DASC controlled airspace.

Prerequisite. TADR-4220.

Instructor. SI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

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TADR-4240	4.0	1095	B,R	E	1	DASC	L
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Goal. Level 5 - Control FW aircraft.

Requirement. Given a scenario, supporting documentation, an operational DASC, with increased operational tempo, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct the duties of a DASC TAD to include:

1. Conduct a TAD Crew Brief and Debrief
2. Provide a SALT Brief using correct R/T Procedures
3. Procedurally control the aircraft
4. Route the aircraft
5. Divert the aircraft
6. Maintain a complete and accurate TAD logbook
7. Pass and receive immediate requests
8. Demonstrate proper processing of all received information and routing and passing information within the system.

Performance Standard. Control 5-7 sorties per hour and 6 immediate requests per hour. This event should include the integration of fires with the use of FCSMs and ACMS in the DASC controlled airspace.

Prerequisite. TADR-4230.

Instructor. SI

Reference.

1. MCWP 3-25.5 DASC Handbook
2. DASC Pocket Checklist

#### 5. Familiarization (FAM)

a. Purpose. To facilitate the understanding of DASC operations through the familiarization with and observation of agencies/ organizations external to the DASC involved in aviation operations.

b. Admin Notes. The familiarization events contained in this phase are intended to complement the ACPM MACCS (8000) and MAGTF (8060) stages. Each applicable ACPM event is to be completed prior to conducting a tour of an operational facility under the guidance of a DASC SI or appropriate agency equivalent.

c. Total Training Events. 4 events, 8 hours.

LAAD					
FAM-4400	2.0	(*)	B	1	BTY/PLT/SECT L

Goal. Observe the configuration and operation of a LAAD Battalion

Requirement. Tour the various configurations of the LAAD Bn at section, platoon and battery level.

Performance Standard. Complete a tour of a LAAD Bn

Prerequisite. ACPM 8006

Instructor. SI.

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FAM-4410	2.0	(*)	B	1	MMT	L
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Goal. Observe the configuration and operation of a Marine Air Traffic Control Mobile Team.

Requirement. Tour an operational MMT.

Performance Standard. Complete a tour of an MMT

Prerequisite. ACPM 8005

Instructor. SI.

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FAM-4420	2.0	(*)	B	1	SACC	L
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Goal. Observe the configuration and operation of a Supporting Arms Coordination Center

Requirement. Observe a SACC.

Performance Standard. Complete a tour of a SACC.

Prerequisite. ACPM 8001, 8062, 8063, 8065

Instructor. SI.

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FAM-4430	2.0	(*)	B	1	TACC/HDC	L
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Goal. Observe the configuration and operation of a Navy Tactical Air Control Center/Helicopter Direction Center

Requirement. Observe an operational TACC/HDC.

Performance Standard. Complete a tour of a TACC/HDC.

Prerequisite. ACPM 8001, 8062, 8063, 8065

Instructor. SI.

#### 4. Command and Control Systems (C2SYS)

a. Purpose. To develop proficiency in utilizing the command and control systems used in DASC operations.

b. Admin Notes. Command and control system events are located in the MAWTS-1 C3 Course Catalog in order to maintain standardized training across the MACCS. The table below lists all C2SYS events that are to be completed by DASC personnel position dependent. See the MAWTS-1 C3 Course Catalog for the events listed in the table below.

c. Total Training Events. 2 events, 8 hours.

EVENT CODE	EVENT NAME	POSITION
C2SYS-4923	Operate Command Post of the Future.	DCHF

C2SYS-4942	Operate Air Defense System Integrator	DCHF
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313. INSTRUCTOR UNDER TRAINING (IUT)(5000)

1. Purpose. To provide position qualified personnel the additional skills necessary to instruct, evaluate and recommend for completion / qualification "trainees" within a crew. Upon completion of the required training, an individual may be considered for instructor designation by the Commanding Officer, WTPP Officer, or direct representative as delineated.

2. Administrative Notes

a. The MACCS instructor concept is a means to standardize all instructors across the MACCS in regards to concepts of managing a WTPP, properly conducting training, performing evaluations, and recommending training plans.

b. There are three instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

(1) Basic Instructor (BI)

(2) Senior Instructor (SI)

(3) Weapons and Tactics Instructor (WTI)

c. The MAWTS-1 C3 Course catalog contains the training requirements for each of the three instructors. The catalog is located at the MAWTS-1 website, <https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>.

d. The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

INSTRUCTOR	Event Training, Evaluation and Approval
BI	Core Skill events in which current and proficient
SI	Core Skill and Mission Skill events
WTI	Mission Skill and Qualification events. - Evaluate and recommend for qualification - Endorse recommendations for position designations
	The Commanding Officer is the approving authority for qualifications and designations.

314. REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000)

1. General

a. This phase provides for community standardization of DASC 7242 position qualifications, combat leadership and instructor designations as well as codes for tracking licenses, participation in operations and for completing RSO and Machine Gunner Courses, and other skills. This Manual does not contain "one time" certification training requirements.

b. Admin Notes

(1) The WTPP shall review the IPR to ensure all required training, documentation and administrative actions have been completed prior to staffing qualifications or designation recommendations for approval.

(2) Only once an individual is qualified or designated in writing, the signed letter is filed in the IPR, and all administrative actions are completed, and the event code has been logged in M-SHARP will the qualification or designation be effective.

c. Prerequisite. Per the applicable POI.

2. Certification. None

3. Qualifications.

a. Purpose. To evaluate personnel in the DASC syllabi on their ability to perform as DASC crewmembers. There is no specified time limit on the amount of system time required before performing a qualification event. Once all prerequisites for a qualification have been completed, the trainee has completed is eligible to proceed to the applicable qualifying event.

b. Prerequisite. Completion of the required academic modules, Core- , Mission- , and core plus-skill events required for the position being trained.

c. Admin Notes

(1) During evaluation of the event performance standard, the instructor may provide minimal guidance. However, the instructor should guide and mentor the trainee during the training session and after an event evaluation.

(2) Personnel being recommended for qualification must perform the evaluation event to a proficient level. A proficient level is defined as the ability to efficiently and skillfully correct errors without hesitation and with minimal input from the Instructor.

(3) All DASC qualification events will be evaluated by a SI or WTI. If a squadron does not have a WTI, the unit may either request fleet support from MAWTS-1 or the commanding officer can assign an SI who is current and proficient in the position being evaluated to serve as the evaluator.

(4) Policy on attaining, maintaining and regaining a qualification is contained in chapter 2 of reference (a).

d. Crew Requirement. Core capable DASC crew.

e. Qualifications

Plotter  
TAC/DAS Net Operator  
TAR/HR Operator  
FSC Operator  
Air Support Net Operator (ASNO)  
DASC Crew Chief (CC)



Helicopter Director (HD)  
Tactical Air Director (TAD)

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QUAL-6200      0.0      (\*)      B

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Goal. Qualify as Plotter.

Requirement. Complete the required training in the Plotter POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. Proficiency demonstrated in prerequisites.

Prerequisite. ACAD-2000, 2002; PLOT-2300R, 2305; C2SYS-2900R, 2901R, 2902R, 2903R, 2904R, 2910R, 2913R, 2921R, PLOT-3000, 3005, 3010, 3015, 3020R; ACPM-8001, 8003.

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QUAL-6201      0.0      (\*)      B

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Goal. Qualify as a TAR/HR Operator.

Requirement. Complete the required training in the TAR/HR POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. Proficiency demonstrated in prerequisites.

Prerequisite. ACAD-2000; COMM-2110; TRHR-2315R, 3025, 3030, 3035, 3040, 3045R; C2SYS-2900R, 2901R, 2902R, 2911R, 2940R; ACPM-8000, 8001, 8003.

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QUAL-6202      0.0      (\*)      B

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Goal. Qualify as a Tactical Air Command (TAC)/ Direct Air Support (DAS) Net Operator.

Requirement. Complete the required training in the TAC/DAS Net Operator POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. Proficiency demonstrated in prerequisites.

Prerequisite. ACAD-2000, 2002, 2003; COMM-2110; PLOT-2305; TCDS-2325R, 3050, 3055, 3060, 3065, 3070R; C2SYS-2900R, 2901R, 2902R, 2905R, 2909R, 2910R, 2911R, 2940R; ACPM-8001, 8002, 8003.

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QUAL-6203      0.0      (\*)      B

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Goal. Qualify as Fire Support Coordination (FSC) Net Operator.

Requirement. Complete the required training in the FSC Net Operator POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. Proficiency demonstrated in prerequisites.

Prerequisite. ACAD-2000, 2002; COMM-2110; FSC-2335R, 2340, 3075, 3080, 3085, 3090, 3095R; C2SYS-2920R, 2940R; ACPM-8001, 8002, 8003, 8062.

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QUAL-6204	0.0	(*)	B
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Goal. Qualify as an Air Support Net Operator (ASNO).

Requirement. Complete the required training in the ASNO POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. Proficiency demonstrated in prerequisites.

Prerequisite. PLOT-3020; TRHR-3045; TCDS-3070; FSC-3095; COMM-2120, 2130, 2140, 2145, 2155; EQUIP-2220, 2230, 2240, 2250, 2260; ASNO-2350; FAM-2600, 2610, 2620, 2630; ACPM 8000, 8020, 8062, 8063

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QUAL-6205	2.0	(1095)	B,R	E	L
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Goal. Qualify as a DASC Crew Chief.

Requirement.

1. A board will be convened with a minimum of three members:
  - a. (1) DASC SAD WTI
  - b. (1) DASC Chief
  - c. (1) DASC Crew Chief WTI
2. Board will request 20 questions from MAWTS-1/C3 department.
3. Board will ask the trainee only the 20 questions provided and shall not deviate from them.

Performance Standard.

1. Answer 8 of 10 factual questions correctly.
2. Answer 8 of 10 processes, decisional, and description questions satisfactorily.
3. Two of three board members must concur trainee met the requirement.

Upon successful completion of this event, the Board will forward the results via the WTPP to the commanding officer who will make the final determination on the qualification it in writing.

Instructor. Three Board members as defined in the requirements.

Prerequisite. QUAL-6204; ACAD-2001, 2004; COMM-2160; EQUIP-2210, 2240; CC-2400, 2410, 2420, 2430, 2440, 2450; C2SYS-2909, 2940; CC-3100, 3105, 3115, 3120; ACPM-8040, 8060.

Reference.

1. DASC Pocket Checklist
2. MCWP 3-25.5, DASC Handbook

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QUAL-6210	0.0	(*)	B
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Goal. Qualification as a Helicopter Director (HD).

Requirement. Complete the required training in the HD POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing. .

Performance Standard. Proficiency demonstrated in prerequisites.

Prerequisite. QUAL-6204; CTRL-4010, 4020, 4030, 4040; HLDR-4100, 4110, 4120, 4130, 4140.

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QUAL-6211	0.0	(*)	B
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Goal. Qualification as a Tactical Air Director (TAD).

Requirement. Complete the required training in the TAD POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Prerequisite. QUAL-6204; CTRL-4010, 4020, 4030, 4040; TADR-4200, 4210, 4220, 4230, 4240.

#### 4. Designations (DESG)

a. Purpose. To provide for the designation of combat leaders, instructors, and select DASC positions.

b. Prerequisite . . Complete all designation requirements and be recommended for that designation. However, in the event that a commander deems it necessary to designate someone who has not completed the prerequisite, that person must complete the prerequisite within 6 months from the effective date of designation.

c. Admin Notes.

(1) The unit WTTP officer shall ensure the following is completed before an individual designation is effective:

(a) All training requirements for the designation are completed prior to being considered for designation.

(b) The trainee is recommended for designation as noted in the designation event, the designation letter is signed by the commanding officer and filed in the IPR, and the designation event code is logged in M-SHARP. The designation is not effective until all actions have been completed.

(2) MACCS Instructor designation events are contained in the MAWTS-1 C3 Course Catalog to ensure standardization across the MACCS.

c. Crew Requirements. Per the applicable designation syllabus.

d. Combat Leader Designation. DASC Chief (DC)

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DESG-6300	0.0	(*)	B
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Goal. Designation as a DASC Chief (DCHF).

Requirement. Be recommended for designation by the WTI and be designated in writing by the commanding officer.

Prerequisite. QUAL-6070; DC-2500, 2510, 2520, 2530, 2540, 2550, 2560, 2565, 2570, 2575, 2580, 3200; ACPM-8000, 8020, 8040, 8060, 8080.

- e. Instructor Designations  
Basic Instructor (BI)  
Senior Instructor (SI)  
Weapons and Tactics Instructor (WTI)

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DESG-6320	0.0	(*)	B
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Goal. Designation as Basic Instructor (BI).

Requirement. Be recommended for BI designation by a SI or WTI, and designated in writing by the commanding officer.

Prerequisite. UIT-5000, 5010, 5020

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DESG-6321	0.0	(*)	B
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Goal. Designation as Senior Instructor (SI).

Requirement. Be recommended for designation by a SI or WTI, and designated in writing by the commanding officer.

Prerequisite. UIT-5100, 5110, 5120, 5130. Complete the M-SHARP formal training provided by the local INNOVASI support personnel.

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DESG-6322	0.0	(*)	B
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Goal. Designation as Weapons and Tactics Instructor (WTI).

Requirement. Be certified by MAWTS-1 as a WTI and be recommended for designation by the squadron WTI. The commanding officer will designate the WTI in writing.

Prerequisite. SCHL-6000.

- f. Tracking Codes. These codes serve to track licenses, participation in DASC(A) operations, MEU deployments and completion of the Machine Gunners and RSO courses.

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LIC-6400
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Goal. Track HMMWV licenses.

Requirement. Track the M1123 and M1152 HMMWV licenses for ASOO required for DASC operations.

Performance Standard. Per the licensing course POI.

Prerequisite. Complete HMMWV training requirements for M1123 and M1152.

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LIC-6400

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Goal. Track issuance of MK23 MTRV license.

Requirement. Complete MTRV training requirements for MK23

Performance Standard. Per the licensing course POI.

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LIC-6401

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Goal. Track issuance of MK27 MTRV license.

Requirement. Complete MTRV training requirements for MK27.

Performance Standard. Per the licensing course POI.

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LIC-6402

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Goal. Track explosive and corrosives HMMWV license.

Requirement. Complete explosive and corrosives HMMWV license training requirements.

Performance Standard. Per the licensing course POI.

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OPS-6430

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Goal. Track participation in DASC (A) Operations.

Requirement. Participate as an ASNO or CC in DASC (A) operations.

Performance Standard. Perform assigned duties while a participant of the operation.

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OPS-6440

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Goal. Track participation MEU deployments.

Requirement. Complete a MEU deployment as an ASNO or CC.

Performance Standard. Perform assigned duties while a participant of the deployment.

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TRNG-6450

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Goal. Track completed Machine Gunner's Course.

Requirement. Complete the Machine Gunners Course

Performance Standard. Per course POI.

TRNG-6470

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Goal. Track completion of Range Safety Officers (RSO) courses.

Requirement. Complete the RSO course.

Performance Standard. Per course POI.

315. TRAINING EVALUATION FORM. See paragraph 308.8 in this chapter. The MACCS Training Form (MTF) is located in the C3 Course Catalog and available online at the MAWTS-1 C-3 website,  
<https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>.

316. T&R SYLLABUS MATRIX. The below matrix summarizes T&R syllabus event information.

AIR SUPPORT OPERATIONS OPERATOR (ASOO) 7242 T&R																							
STAGE	EVENT CODE	EVENT DESCRIPTION	Live Event Count	LIVE HOURS	SIM Event Count	SIM HOURS	REFLY FACTOR	Plotter	TAR/HR Net Opr	TAC/DAS Net Opr	FSC Net Opr	ASNO	Crew Chief	DASC Chief	POI	EVAL	DEVICE NUMBER	DEVICE TYPE	DEVICE OPTIONS	CONDITIONS	PREREQ	CHAINING	OLD EVENT CODE CONVERSION
CORE SKILL INTRODUCTION (1000)																							
ASOO	1000	Demonstrate knowledge of MAGTF		4.0		-	*								B	E	-	-	L		-	-	SYS-109E
ASOO	1020	How MAW supports MAGTF		4.0		-	*								B	E	-	-	L		-	-	SYS-109E
ASOO	1040	Offensive Air Support		4.0		-	*								B	E	-	-	L		-	-	SYS-109E
ASOO	1060	Assault Support		4.0		-	*								B	E	-	-	L		-	-	SYS-109E
ASOO	1080	Aerial Reconnaissance		2.0		-	*								B	E	-	-	L		-	-	SYS-109E
ASOO	1100	Anti-Air Warfare		2.0		-	*								B	E	-	-	L		-	-	SYS-109E
ASOO	1120	Electronic Warfare		2.0		-	*								B	E	-	-	L		-	-	SYS-109E
ASOO	1140	Control of Aircraft and Missiles		8.0		-	*								B	E	-	-	L		-	-	SYS-109E
ASOO	1160	Threats to the MAGTF		8.0		-	*								B	E	-	-	L		-	-	SYS-109E
ASOO	1180	Operations Documents		2.0		-	*								B	E	-	-	L		-	-	SYS-109E
ASOO	1200	Information Management		2.0		-	*								B	E	-	-	L		-	-	SYS-109E
ASOO	1220	Operate Air Support Comm Equipment		8.0		-	*								B	E	1	AN/MRQ-12 & AN/UYQ-3B	L		-	-	SYS-100E
ASOO	1240	Conduct DASC Operations		40.0		-	*								B	E	1	AN/MRQ-12	L		-	-	SYS-105E
ASOO	1260	Plot Air Support Information		2.0		-	*								B	E	-	-	L		-	-	SYS-102E
ASOO	1280	Receive/Process Immediate Air Support Requests		2.0		-	*								B	E	-	-	L		-	-	SYS-103E
ASOO	1300	Exchange Info w/ TACC		2.0		-	*								B	E	1	DASC	L		-	-	SYS-105E
ASOO	1320	Exchange Info w/FSCC		2.0		-	*								B	E	1	DASC	L		-	-	SYS-105E
ASOO	1340	AFATDS		2.0		-	*								B	-	1	AFATDS	L		-	-	SYS-106
ASOO	1360	TBMCS		4.0		-	*								B	E	1	TBMCS	L		-	-	SYS-107E
ASOO	1380	C2PC		2.0		-	*								B	-	1	C2PC	L		-	-	SYS-108E
			20	106.00	0	0.00																	
CORE SKILL (2000)																							
ACADEMICS (2000 - 2099)																							
ACAD	2000	Knowledge of DASC Crew Positions		0.5		-	*	B	B	B	B				B	-	-	-	L		8003	-	DASC-215E
ACAD	2001	Storage and Handling of Classified Material		0.5		-	*						B		B	-	-	-	L		-	-	-

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ACAD	2002	Understand ACMs/FSCMs		0.5		-	*	B		B	B				B	-	-	-	L		-	-	-
ACAD	2003	Weather Reports and Impacts on Aviation		0.5		-	*			B					B	-	-	-	L		-	-	-
ACAD	2004	Characteristics of Aviation Ordnance		0.5		-	*						B		B	-	-	-	L		-	-	-
			5	2.50	0	0.0	0																
COMM																							
COMM	2110	Pacific Cypher Numeral Authentication System		1.0		-	*		B	B	B				B	-	-	-	L		-		TRHR-202
COMM	2120	Utilize the VHF/UHF/Satcom Radio		1.0		-	*					B			B	-	1	VHF/UHF / Satcom Radio	L		-	2140	CC-301
COMM	2130	Utilize the HF/VHF Radio		1.0		-	*					B			B	-	1	HF/VHF Radio	L		-	2145	CC-301
COMM	2140	Describe the caps/lims of the VHF/UHF/Satcom Radio		0.5		-	*					B			B	-	-	-	L		-	-	CC-301
COMM	2145	Describe the caps/lims of the HF/VHF Radio		0.5		-	*					B			B	-	-	-	L		-	-	CC-301
COMM	2155	Utilize Data Functions of HF/ VHF Radio		1.0		-	*					B			B	-	2	HF/VHF Radio	L		-	-	CC-301
COMM	2160	Identify Communications Problems		2.0		-	*						B		B	-	1	DASC	L		6204	-	CC-302
			7	7.00	0	0.0	0																
EQUIP																							
EQUIP	2210	Characteristics, Caps, Lims of AN/MRQ-12		1.5		-	*					B			B	-	1	AN/MRQ-12	L		2120, 2130, 2140, 2145, 6204	-	CC-301
EQUIP	2220	Characteristics, Caps, Lims of AN/UYQ-3B		1.0		-	*					B			B	-	-	-	L		-	-	CC-301
EQUIP	2230	Employ and Maintain DASC Shelter		1.5		-	*					B			B	-	1	DASC Shelter	L		-	-	-
EQUIP	2240	Characteristics, Caps, Lims of MT/UT Equipment		0.5		-	*					B			B	-	-	-	L		-	-	CC-300R
EQUIP	2250	Characteristics, Caps, Lims of MRC Vehicles		1.0		-	*					B			B	-	-	-	L		2140, 2145	-	CC-301
EQUIP	2260	Connect CIS equipment		0.5		-	*					B			B	-	1	AN/MRQ-12	L		-	-	-
			6	6.00	0	0.0	0																
PLOT																							
PLOT	2300	Plot Coordinates & Symbols on a Map		1.0		-	730 0	B,R							B, R	-	-	-	L		2000, 2002, 2900, 2901, 2902, 2903, 2904, 2913, 2921, 8001, 8003	-	PLOT-207E
PLOT	2305	Track / Display ATO execution		2.0		-	*	B							B	-	-	-	L		2000, 2900, 2901, 2902, 2910, 8001, 8003	-	PLOT-207E
			2	3.00	0	0.0	0																
TRHR																							
TRHR	2315	Receive and Process Immediate Requests for Air Support		2.0		-	730 0	B,R							B,R	-	-	-	L		2000, 2110, 2900, 2901, 2902, 2911, 2940, 8001, 8003	-	TRHR-203E
			1	2.00	0	0.0	0																



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TCDS																								
TCDS	2325	Process TACC info		2.0		-	730 0				B,R					B, R	-	-	-	L		2000, 2002, 2003, 2110, 2305, 2900, 2901, 2902, 2905, 2910, 2911, 2940, 8001, 8002, 8003	-	TCDS-205E
			1	2.00	0	0.0 0																		
FSC																								
FSC	2335	Process FSC info		2.0		-	730 0				B,R					B, R	-	-	-	L		2000, 2002, 2110, 2920, 2940, 8001, 8002, 8003, 8062	-	FSC-200E
FSC	2340	Process Fire Msns		2.0		-	*				B					B	-	-	-	L		-	-	FSC-200E
			2	4.00	0	0.0 0																		
ASNO																								
ASNO	2350	Perform as ASNO in CBRN Environment		4.0		-	365				B, R					B, R	-	1	DASC	L		Any of the following: 2315, 2325 or 2335	-	DASC-214
			1	4.00	0	0.0 0																		
CC																								
CC	2400	Perform as DASC Crew Chief in CBRN Environment		4.0		-	365						B, R			B, R	-	1	DASC	L		2410, 2420, 2430, 2450, 6204	-	CC-309R
CC	2410	Extract Critical Info from Supporting Documents		1.0		-	*					B				B	-	-	-	L		6204	-	CC-304
CC	2420	Perform Crew Chief Admin Functions		1.0		-	*					B				B	-	-	-	L		6204	-	CC-305R
CC	2430	Apply Net Restoration Priorities		1.0		-	*					B				B	-	-	-	L		2160, 2210, 6204	-	CC-301
CC	2440	Conduct CC Duties During Passage of Control		4.0		-	146 0					B, R				B, R	-	2	DASC	L		2410, 2420, 2430, 2450, 6204, 8040, 8060	-	CC-306R
CC	2450	Match Aviation Assest to Requests		1.0		-	*					B				B	-	-	-	L		2004, 6204	-	CC-305R
			6	12.00	0	0.0 0																		
DC																								
DC	2500	Conduct DASC Site Selection/Map Survey		1.5		-	*						B	B	-	-	-	-	L			6205	-	BM-410
DC	2510	Emplace a DASC		1.0		-	*						B	B	-	1	DASC	L				6205	-	-
DC	2520	Determine DASC Crew & Support Equip Requirement		2.0		-	*						B	B	-	-	-	-	L			6205	-	-
DC	2530	Procedures/Challenges of DASC Displacement Ops		1.5		-	*						B	B	-	-	-	-	L			6205	-	-
DC	2540	Phase Control Ashore		1.0		-	*						B	B	-	-	-	-	L			6205	-	-
DC	2550	Create/Execute a DASC Drill		80.0		-	*						B	B	-	-	-	-	L			6205	-	-
DC	2560	Determine Comm assets to support DASC Mission		2.0		-	*						B	B	-	-	-	-	L			6205	-	-
DC	2565	Build EDL and Packing Lists		2.0		-	*						B	B	-	-	-	-	L			6205	-	-

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DC	2570	Write a BOM Request		2.0		-	*							B	B	-	-	-	L		6205	-	-
DC	2575	Verify DASC Equipment is Packed for Embark		1.0		-	*							B	B	-	-	-	L		6205	-	-
DC	2580	Physical Security Requirements		1.0		-	*							B	B	-	-	-	L		6205	-	-
			1 1	95.00	0	0.0 0																	
FAMILIARIZATION																							
FAM	2600	Observe a TACP		2.0		-	*					B			B	-	1	TACP	L		8001, 8003, 8023	-	DASC-405
FAM	2610	Observe a TACC Current Ops		2.0		-	*					B			B	-	1	TACC	L		8001, 8002, 8003	-	DASC-401
FAM	2620	Observe VMU UAS GCS		2.0		-	*					B			B	-	1	GCS	L		8001, 8003, 8007	-	DASC-407
FAM	2630	Observe an FSCC		2.0		-	*					B			B	-	1	FSCC	L		8001, 8003, 8062	-	DASC-406
			4	8.00	0	0.0 0																	
C2SYS																							
C2SYS	2900	Set-up profile on TBMCS Client		1.0		-	182	B, R	B, R	B, R					B, R	-	1	TBMCS	L		-	-	DASC-212
C2SYS	2901	Access TBMCS online Master Help Index		1.0		-	182	B, R	B, R	B, R					B, R	-	1	TBMCS	L		2900	-	DASC-212
C2SYS	2902	TBMCS Alert Service		1.5		-	182	B, R	B, R	B, R					B, R	-	1	TBMCS	L		2901	-	DASC-212
C2SYS	2903	TBMCS Map Manager		1.0		-	182	B, R							B, R	-	1	TBMCS	L		2902		DASC-212
C2SYS	2904	TBMCS Web Mapping		1.0		-	182	B, R							B, R	-	1	TBMCS	L		2902		DASC-212
C2SYS	2905	ATO/ACO Tool		1.0		-	182			B, R					B, R	-	1	TBMCS	L		2902	-	DASC-212
C2SYS	2909	FSTAT		2.0		-	182			B, R			B, R		B, R	-	1	TBMCS	L		2902	-	DASC-212
C2SYS	2910	ESTAT		2.0		-	182	B, R		B, R					B, R	-	1	TBMCS	L		2902	-	DASC-212
C2SYS	2911	WARP		4.0		-	182		B, R	B, R					B, R	-	1	TBMCS	L		2902	-	DASC-212
C2SYS	2913	Import Air Space Group		4.0		-	182	B, R							B, R	-	1	TBMCS	L		2902	-	DASC-212
C2SYS	2920	AFATDS		4.0		-	182				B, R				B, R	-	1	AFATDS	L		-	-	DASC-213
C2SYS	2921	C2PC		4.0		-	182	B, R							B, R	-	1	C2PC	L		-	-	-
C2SYS	2940	IRC		1.0		-	182		B, R	B, R	B, R		B, R		B, R	-	-	-	L		-	-	PLOT-208Q
			1 3	27.50	0	0.0 0																	
CORE SKILL TOTALS																							
Live Event Totals >>			5 9	173.0 0	0	0.0 0																	
MISSION SKILLS (3000)																							
PLOT																							
PLOT	3000	Perform Duties of DASC Plotter (OpTempo 1)		4.0		-	*	B							B	-	1	DASC	L		2300, 2305	2300, 2305, 2910, 2921	PLOT-207E
PLOT	3005	Perform Duties of DASC Plotter (OpTempo 2)		4.0		-	*	B							B	-	1	DASC	L		3000	2300, 2305, 2910, 2921, 3000	PLOT-207E

PLOT	3010	Perform Duties of DASC Plotter (OpTempo 3)		4.0		-	*	B							B	-	1	DASC	L		3005	2300, 2305, 2910, 2921, 3000, 3005	PLOT-207E
PLOT	3015	Perform Duties of DASC Plotter (OpTempo 4)		4.0		-	*	B							B	-	1	DASC	L		3010	2300, 2305, 2910, 2921, 3000, 3005, 3010	PLOT-207E
PLOT	3020	Perform Duties of DASC Plotter (OpTempo 5)		4.0		-	109 5	B, R							B, R	E	1	DASC	L		3015	2300, 2305, 2910, 2921, 3000, 3005, 3010, 3015	PLOT-207E
			5	20.00	0	0.0 0																	
TRHR																							
TRHR	3025	Perform Duties of TAR/HR Net Operator (OpTempo 1)		4.0		-	*		B						B	-	1	DASC	L		2315	2315, 2911, 2940	TRHR-203E
TRHR	3030	Perform Duties of TAR/HR Net Operator (OpTempo 2)		4.0		-	*		B						B	-	1	DASC	L		3025	2315, 2911, 2940, 3025	TRHR-203E
TRHR	3035	Perform Duties of TAR/HR Net Operator (OpTempo 3)		4.0		-	*		B						B	-	1	DASC	L		3030	2315, 2911, 2940, 3025, 3030	TRHR-203E
TRHR	3040	Perform Duties of TAR/HR Net Operator (OpTempo 4)		4.0		-	*		B						B	-	1	DASC	L		3035	2315, 2911, 2940, 3025, 3030, 3035	TRHR-203E
TRHR	3045	Perform Duties of TAR/HR Net Operator (OpTempo 5)		4.0		-	109 5		B, R						B, R	E	1	DASC	L		3040	2315, 2911, 2940, 3025, 3030, 3035, 3040	TRHR-203E
			5	20.00	0	0.0 0																	
TCDS																							
TCDS	3050	Perform Duties of TAC/DAS Net Operator (OpTempo 1)		4.0		-	*		B						B	-	1	DASC	L		2305,2325	2325, 2905, 2940	TCDS-205E
TCDS	3055	Perform Duties of TAC/DAS Net Operator (OpTempo 2)		4.0		-	*		B						B	-	1	DASC	L		3050	2325, 2905, 2940, 3050	TCDS-205E
TCDS	3060	Perform Duties of TAC/DAS Net Operator (OpTempo 3)		4.0		-	*		B						B	-	1	DASC	L		3055	2325, 2905, 2940, 3050, 3055	TCDS-205E

TCDS	3065	Perform Duties of TAC/DAS Net Operator (OpTempo 4)		4.0		-	*				B				B	-	1	DASC	L		3060	2325, 2905, 2940, 3050, 3055, 3060	TCDS-205E
TCDS	3070	Perform Duties of TAC/DAS Net Operator (OpTempo 5)		4.0		-	1095				B, R				B, R	E	1	DASC	L		3065	2325, 2905, 2940, 3050, 3055, 3060, 3065	TCDS-205E
			5	20.00	0	0.00																	
FSC																							
FSC	3075	Perform Duties of FSC Net Operator (OpTempo 1)		4.0		-	*				B				B	-	1	DASC	L		2335, 2340	2335, 2340, 2940	FSC-200E
FSC	3080	Perform Duties of FSC Net Operator (OpTempo 2)		4.0		-	*				B				B	-	1	DASC	L		3075	2335, 2340, 2940, 3075	FSC-200E
FSC	3085	Perform Duties of FSC Net Operator (OpTempo 3)		4.0		-	*				B				B	-	1	DASC	L		3080	2335, 2340, 2940, 3075, 3080	FSC-200E
FSC	3090	Perform Duties of FSC Net Operator (OpTempo 4)		4.0		-	*				B				B	-	1	DASC	L		3085	2335, 2340, 2940, 3075, 3080, 3085	FSC-200E
FSC	3095	Perform Duties of FSC Net Operator (OpTempo 5)		4.0		-	1095				B, R				B, R	E	1	DASC	L		2630, 3090	2335, 2340, 2940, 3075, 3080, 3085, 3090	FSC-200E
			5	20.00	0	0.00																	
CC																							
CC	3100	Perform Duties of DASC Crew Chief (OpTempo 1)		4.0		-	*				B				B	-	1	DASC	L		2001, 2004, 2410, 2420, 2430, 2450, 6204	2410, 2420, 2430, 2450	CC-305R
CC	3105	Perform Duties of DASC Crew Chief (OpTempo 2)		4.0		-	*				B				B	-	1	DASC	L		3100	2410, 2420, 2430, 2450, 3100	CC-305R
CC	3110	Perform Duties of DASC Crew Chief (OpTempo 3)		4.0		-	*				B				B	-	1	DASC	L		3105	2410, 2420, 2430, 2450, 3100, 3105	CC-305R
CC	3115	Perform Duties of DASC Crew Chief (OpTempo 4)		4.0		-	*				B				B	-	1	DASC	L		3110	2410, 2420, 2430, 2450, 3100, 3105, 3110	CC-305R

CC	3120	Perform Duties of DASC Crew Chief (OpTempo 5)		4.0		-	1095						B, R		B, R	E	1	DASC	L		3115, 8000, 8020, 8040, 8060	2410, 2420, 2430, 2450, 3100, 3105, 3110, 3115	CC-305R
			5	20.00	0	0.00																	
DC																							
DC	3200	Conduct duties of a DASC Chief		8.0		-	7300						B, R		B, R	E	1	DASC	L		2500, 2510, 2520, 2530, 2550, 2560, 2565, 2570, 2575, 2580, 6205	2500, 2510, 2520, 2530, 2550, 2560, 2565, 2570, 2575, 2580,	-
			1	8.00	0	0.00																	
MISSION SKILL TOTALS																							
Live Event Totals >>			25	100.00	0	0.00																	
CORE PLUS SKILLS (4000)																							
CTRL																							
CTRL	4010	Level 1 F/W or R/W		4.0		-	*					B			B	-	1	DASC			2410, 6204	-	BM-409, BM-408
CTRL	4020	Level 2 F/W or R/W		4.0		-	*					B			B	-	1	DASC			4010	4010	BM-409, BM-408
CTRL	4030	Level 3 F/W or R/W		4.0		-	7300					B			B, R	E	1	DASC			4020	4010, 4020	BM-409, BM-408
CTRL	4040	Conduct TAD or HD duties in CBRN environment		4.0		-	*					B			B	-	1	DASC W/ MOPP GEAR			4030		
			4	16.00	0	0.00																	
HLDR																							
HLDR	4100	HLDR (Level 1)		4.0		-	*					B			B	-	1	DASC			4010, 6204	4010	BM-409
HLDR	4110	HLDR (Level 2)		4.0		-	*					B			B	-	1	DASC			4100	4020, 4100	BM-409
HLDR	4120	HLDR (Level 3)		4.0		-	*					B			B	-	1	DASC			4110	4020, 4100, 4110	BM-409
HLDR	4130	HLDR (Level 4)		4.0		-	1460					B, R			B, R	E	1	DASC			4120	4020, 4100, 4110, 4120	BM-409
HLDR	4140	HLDR (Level 5)		4.0		-	1095					B, R			B, R	E	1	DASC			4130	4020, 4100, 4110, 4120, 4130	BM-409
			5	20.00	0	0.00																	
TADR																							
TADR	4200	TADR (Level 1)		4.0		-	*					B			B	-	1	DASC	L		4010, 6204	4010	BM-408
TADR	4210	TADR (Level 2)		4.0		-	*					B			B	-	1	DASC	L		4200	4010,	BM-408

8 Mar 11

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REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, DESIGNATIONS (RQD) & TRACKING CODES																						
RQD (EXTERNAL) ACADEMICS (6000 - 6099)																						
SCHL	6000	Weapons and Tactics Instructor (WTI) Course		-		-	*							-	-	-	-	-		6205	-	-
SCHL	6001	Senior Watch Officer (SWO) Course		-		-	*							-	-	-	-	-		-	-	-
SCHL	6002	Air Command and Control Officer Course (ACCOC)		-		-	*							-	-	-	-	-		-	-	-
SCHL	6003	ACE Battlestaff Officer Course (ABOC)		-		-	*							-	-	-	-	-		-	-	-
SCHL	6010	505th Training Sqdn Airspace Course		-		-	*							-	-	-	-	-		-	-	-
SCHL	6011	505th Training Sqdn Personnel Recovery Course		-		-	*							-	-	-	-	-		-	-	-
SCHL	6012	Plans/Ops Technician Course		-		-	*							-	-	-	-	-		-	-	-
SCHL	6015	JAOC2C Airspace Course		-		-	*							-	-	-	-	-		-	-	-
SCHL	6016	Joint Air Operations Senior Staff Course		-		-	*							-	-	-	-	-		-	-	-
SCHL	6020	Link 16 Interoperability Course (JT-101)		-		-	*							-	-	-	-	-		-	-	-
SCHL	6021	MAJIC (JT-102)		-		-	*							-	-	-	-	-		-	-	-
SCHL	6022	USMTF Course (JT-105)		-		-	*							-	-	-	-	-		-	-	-
SCHL	6025	USMTF Manager Course		-		-	*							-	-	-	-	-		-	-	-
SCHL	6067	Military Airspace Management Course		-		-	*							-	-	-	-	-		-	-	-
SCHL	6070	Unit Operations Specialist (C2PC)		-		-	*							-	-	-	-	-		-	-	-
SCHL	6071	Information Operations Fundamentals		-		-	*							-	-	-	-	-		-	-	-
SCHL	6072	Advanced Field Artillery Tactical Data System		-		-	*							-	-	-	-	-		-	-	-
			1 7	0.00	0	0.0 0																
CERTIFICATIONS (6100 - 6199)																						
QUALIFICATIONS (6200 - 6299)																						
QUAL	6200	Qualify as a DASC Plotter		-			-	B						B	-	-	-	-		2000, 2002, 2300, 2305, 2900, 2901, 2902, 2903, 2904, 2910, 2913, 2921, 3000, 3005, 3010, 3015, 3020, 8001, 8003.	-	QUAL-608
QUAL	6201	Qualify as a TAR/HR Net Operator		-		-	-	B						B	-	-	-	-		2000, 2110, 2315, 3025, 3030, 3035, 3040, 3045, 2900, 2901, 2902, 2911, 2940, 8000, 8001, 8003.	-	QUAL-604

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QUAL	6202	Qualify as a TAC/DAS Net Operator		-		-	-				B					B	-	-	-	-		2000, 2002, 2003, 2110, 2305, 2325, 3050, 3055, 3060, 3065, 3070, 2900, 2901, 2902, 2905, 2909, 2910, 2911, 2940, 8001, 8002, 8003.	-	QUAL-606
QUAL	6203	Qualify as a FSC Net Operator		-		-	-				B					B	-	-	-	-		2000, 2002, 2110, 2335, 2340, 3075, 3080, 3085, 3090, 3095, 2920, 2940, 8001, 8002, 8003, 8062.	-	QUAL-601
QUAL	6204	Qualify as an Air Support Net Operator (ASNO)		-		-	-				B					B	-	-	-	-		2120, 2130, 2140, 2145, 2155, 2220, 2230, 2240, 2250, 2260, 2350, 2600, 2610, 2620, 2630, 3020, 3045, 3070, 3095, 8000, 8020, 8062, 8063	-	QUAL-616
QUAL	6205	Qualify as a DASC Crew Chief (CC)		2.0		-	109 5					B,R				B, R	E	-	-	L		6204, 2001, 2004, 2160, 2210, 2240, 2400, 2410, 2420, 2430, 2440, 2450, 2909, 2940, 3100, 3105, 3115, 3120, 8040, 8060	-	QUAL-611
QUAL	6210	Qualify as an Helicopter Director (HD)		-		-	-				B					B	-	-	-	-		4010, 4020, 4030, 4040, 4100, 4110, 4120, 4130, 4140, 6204.	-	-
QUAL	6211	Qualify as a Tactical Air Director (TAD)		-		-	-				B					B	-	-	-	-		4010, 4020, 4030, 4040, 4200, 4210, 4220, 4230, 4240, 6204.	-	-
			8	2.00	0	0.0 0																		
DESIGNATIONS (6300 - 6399)																								
DESG	6300	DASC Chief		-		-	*							B		B	-	-	-	-		2500, 2510, 2520, 2530, 2540, 2550, 2560, 2565, 2570, 2575, 2580, 3200, 6070, 8000, 8020, 8040, 8060, 8080.	-	-
DESG	6320	Basic Instructor		-		-	*									B	-	-	-	-		5000, 5010, 5020	-	-
DESG	6321	Senior Instructor		-		-	*									B	-	-	-	-		5100, 5110, 5120, 5130	-	-



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DESG	6322	WTI		-		-	*							B	-	-	-	-		6000	-	QUAL-600
			4	0.00	0	0.00																
TRACKING CODES (6400 - 6999)																						
LIC		HMMWV				-								B	-	-	-	-		-	-	-
LIC		MTVR				-								B	-	-	-	-		-	-	-
LIC		Explosives and Corrosives				-								B	-	-	-	-		-	-	-
OPS		DASC (A)				-								B	-	-	-	-		-	-	-
OPS		MEU				-	*							B	-	-	-	-		-	-	ASNO-400
OPS		ASLT				-	*							B	-	-	-	-		-	-	-
		MGUN				-								B	-	-	-	-		-	-	-
		RSO				-								B	-	-	-	-		6205	-	-
			0	0.00	0	0.00																
AVIATION CAREER PROGRESSION MODEL (ACPM) (8000)																						
ACPM																						
ACPM	8000	MACCS				-	*					B			B	-	-	-	-	8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-
ACPM	8001	MACCS		1		-	*	B	B	B	B			B	-	-	-	-		-	-	A-02
ACPM	8002	TACC		1		-	*			B	B			B	-	-	-	-		-	-	B-07
ACPM	8003	DASC		1		-	*	B	B	B	B			B	-	-	-	-		-	-	B-09
ACPM	8004	TAOC		1		-	*					B		B	-	-	-	-		-	-	B-08
ACPM	8005	MATC		1		-	*					B		B	-	-	-	-		-	-	B-10
ACPM	8006	LAAD		1		-	*					B		B	-	-	-	-		-	-	B-12
ACPM	8007	UAS ISO THE MAGTF		1		-	*					B		B	-	-	-	-		-	-	B-14, B-21
ACPM	8008	MWCS		1		-	*					B		B	-	-	-	-		-	-	B-13
ACPM	8020	ACE				-	*					B		B	-	-	-	-	8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028	-	-	
ACPM	8021	AVIATION OPERATIONS		1		-	*					B		B	-	-	-	-		-	-	-
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES		1		-	*					B		B	-	-	-	-		-	-	A-03
ACPM	8023	OFFENSIVE AIR SUPPORT		1		-	*		B					B	-	-	-	-		-	-	A-04
ACPM	8024	ASSAULT SUPPORT		1		-	*					B		B	-	-	-	-		-	-	A-05
ACPM	8025	AERIAL RECONNAISSANCE		1		-	*					B		B	-	-	-	-		-	-	A-07
ACPM	8026	ELECTRONIC WARFARE		1		-	*					B		B	-	-	-	-		-	-	A-06
ACPM	8027	ANTI-AIR WARFARE		1		-	*					B		B	-	-	-	-		-	-	A-08, T-01
ACPM	8028	AVIATION GROUND SUPPORT		1		-	*					B		B	-	-	-	-		-	-	-
ACPM	8040	THREAT				-	*					B		B	-	-	-	-	8041, 8042, 8043, 8044, 8045	-	-	
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF		1		-	*					B		B	-	-	-	-		-	-	-

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ACPM	8042	FIXED WING THREAT TO THE MAGTF		1		-	*					B		B	-	-	-	-		-	-	B-02
ACPM	8043	ROTARY WING THREAT TO THE MAGTF		1		-	*					B		B	-	-	-	-		-	-	B-03
ACPM	8044	MISSILE & UAS THREAT TO THE MAGTF		1		-	*					B		B	-	-	-	-		-	-	B-01
ACPM	8045	REC THREAT TO THE MAGTF		1		-	*					B		B	-	-	-	-		-	-	B-04
<b>ACPM</b>	<b>8060</b>	<b>MAGTF</b>				-	*					B		B	-	-	-	-		8061, 8062, 8063, 8064, 8065	-	-
ACPM	8061	GROUND COMBAT OPERATIONS		1		-	*					B		B	-	-	-	-		-	-	A-01
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE		1		-	*				B			B	-	-	-	-		-	-	-
ACPM	8063	MAGTF C2		1		-	*					B		B	-	-	-	-		-	-	-
ACPM	8064	MAGTF COMM		1		-	*					B		B	-	-	-	-		-	-	-
ACPM	8065	PHASING CONTROL ASHORE		1		-	*					B		B	-	-	-	-		-	-	B-17, C-13
<b>ACPM</b>	<b>8080</b>	<b>JOINT AIR OPERATIONS</b>				-	*						B	B	-	-	-	-		8029, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-
ACPM	8081	C2 OF JOINT AIR OPERATIONS		1		-	*						B	B	-	-	-	-		-	-	C-02, T-58
ACPM	8082	TAGS		1		-	*						B	B	-	-	-	-		-	-	T-54
ACPM	8083	JOINT FIRE SUPPORT		1		-	*						B	B	-	-	-	-		-	-	-
ACPM	8084	CAS		1		-	*						B	B	-	-	-	-		-	-	-
ACPM	8085	JOINT TARGETING		1		-	*						B	B	-	-	-	-		-	-	-
ACPM	8086	NATO		1		-	*						B	B	-	-	-	-		-	-	-
ACPM	8087	JOINT AIRSPACE CONTROL		1		-	*						B	B	-	-	-	-		-	-	B-18, T-04
ACPM	8088	COUNTERING AIR & MISSILE THREATS		1		-	*						B	B	-	-	-	-		-	-	C-03
<b>ACPM TOTALS</b>			<b>39</b>	<b>34.0</b>	<b>0</b>	<b>0.0</b>																